

Dayton Hamvention®

Sponsored by Dayton Amateur Radio Association
Since 1952

May 19, 20, & 21, 2006

Amateur Radio IS Public Service



Kara

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Ohio
So much to Discover!

Welcome!

On behalf of the Dayton Amateur Radio Association and all the Dayton Hamvention® volunteers, it is my sincere pleasure and honor to welcome you to the 2006 Dayton Hamvention®.

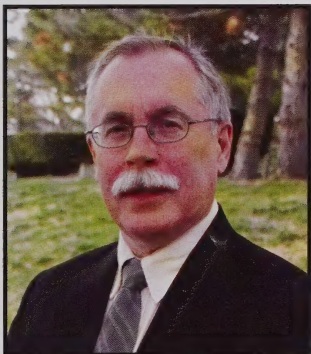
We are welcoming back the ARRL Expo. We are confident this year's Hamvention®, will be even better than last year's, which was an overwhelming success.

Our return to an "All-Volunteer" show along with our efforts to reduce costs and improve how we operate exceeded all our expectations. The comments we received after the 2004 and 2005 Hamvention®s were just tremendous. In fact, many people expressed to us how much better the show ran, how it was friendlier, the busing was the best ever and Hamvention® just had a completely different feeling from they had ever experienced before.

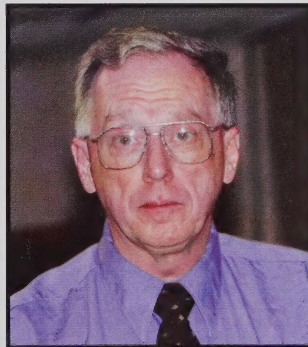
For 2006 virtually the entire team from last year's Hamvention® Committee has returned and will be working extremely hard to make your stay with us an outstanding experience you will never forget. We have another year on our contract with Hara Arena and are making plans for many years in the future.

Thank you for supporting the Dayton Hamvention®. We sincerely appreciate it and hope you find the treasures you are looking for. Remember: If you are looking for that unique item, you will find it at the Dayton Hamvention®.

The future is bright for the Dayton Hamvention®, your one MUST-SEE event.



Jim Nies, WX8F
General Chairman



Carl Rose, K8CPR
Assistant General Chairman

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Cover

The front cover was created by Jerry Miller, WD8QAI, from photographs provided by Bob, N8TVU and ARRL which were contributed as shown above. Due to cropping caused by the states' outlines, not all photos are visible on the cover.

Souvenir Program Committee

Publisher.....Jerry Miller, WD8QAI
 Forums.....Mel Berman, W8GTR
 Proofreaders.....Barb Holmes, N8EYW
 Tom Holmes, N8ZM
 Nancy Makley, KC8GYW

Dayton Amateur Radio Association (DARA) and Hamvention® fully support and are committed to the objectives of the Americans with Disabilities Act (ADA). We strive to provide equal opportunity to all ADA qualified persons who participate in Hamvention®. Our objective is to provide access to the event and we expect nothing less of those who provide building facilities, exhibits and services to our event.

Activities & Times

FRIDAY ACTIVITIES

- 8:00 A.M. - 6:00 P.M. Flea Market open.
Scheduled bus service available.
(Buses are scheduled to pick up passengers to arrive at HARA by 8 A.M.).
Programs available at all ticket selling points.
- 9:00 A.M. - 6:00 P.M. Inside Exhibits open, prizes on display, hourly drawings, and exams.
- 9:00 A.M. - 5:00 P.M. Forums program.

SATURDAY ACTIVITIES

- 8:00 A.M. - 5:00 P.M. Flea Market open. Bus service available.
- 8:00 A.M. - 5:00 P.M. Inside Exhibits open, exams, and scheduled activities.
- 9:00 A.M. - 3:00 P.M. Hourly prize drawings.
- 8:15 A.M. - 5:00 P.M. Forums program.

SUNDAY ACTIVITIES

- 8:00 A.M. - 1:00 P.M. Flea Market open. Bus service available.
- 8:00 A.M. - 1:00 P.M. Inside Exhibits open, prizes on display.
- 9:00 A.M. - 12:00 P.M. Hourly prize drawings.
- 8:30 A.M. - 12:00 P.M. Forums and scheduled activities.
- 1:00 P.M. Award Winners' Presentation in Hara Arena.
- 1:00 P.M. Prize Drawing in Hara Arena (unclaimed hourly prizes, followed by main prizes).

Tickets

Full-price tickets are available at the Hara Arena Box Office (Door #14) and the East Hall (Door #26) during the times shown below. A General Admission ticket is required to enter both the Inside Exhibits and the Flea Market Exhibits. The tickets are \$25.00 and valid for all three days. All persons over 12 years of age attending the Hamvention® Inside/Flea Market Exhibits are required to have an admission ticket. Age 12 years and under are FREE.

Individual bus tickets for transportation between Alternate Parking and Hara Arena will be available at the Alternate Parking Site for \$3.00 per day or \$8.00/weekend pass.

Ticket Sales Hours

Friday, May 20 7:00 A.M. to 6:00 P.M.
Saturday, May 21 7:00 A.M. to 5:00 P.M.
Sunday, May 22 7:00 A.M. to 12:00 NOON

HAM RADIO Europe's No. 1!

31 years International Amateur Radio Exhibition

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Services

BAGGAGE CHECK

Baggage can be checked for \$3.00 per claim check in the Baggage Check room located across the hall from Forum Room 3, just inside Conference Center entrance (Door #6) on the left. All items must be reclaimed by closing time each day. Time extended to 3:00 P.M. on Sunday. No overnight storage is permitted.

BANKING SERVICES

Local banks are located in Salem Mall area. An ATM is located to the right of Hara Arena's front door.

DARA BOOTH

The DARA Booth is located in the lobby of Hara Arena. DARA memberships and information are available.

EMERGENCY MEDICAL CARE

On-site Emergency Medical Services are located to the right of Hara Arena's front door. Enter at Door 12. See the Exhibits Map on Page 18.

Emergency care is also available from the following:

Urgent Care Medical Center
5915 N. Main Street, 278-3826
8:30 A.M. - 10:00 P.M.

From Hara Arena, take Shiloh Springs east to traffic light at Main St. Turn left to second building on left.

Good Samaritan Hospital
2222 Philadelphia Dr., 278-2612

From Hara Arena: take Wolf Road to Salem Ave. Turn left, proceed to the traffic light at Philadelphia.

LOST & FOUND

The DARA Booth located in the Hara Arena Lobby will accept lost items. To retrieve lost items, please go to Hara Arena Box Office.

MESSAGE CENTER

Leave a message for your friends by submitting their call sign and message at the Dara Booth in Hara Arena Lobby. Prize Monitors throughout the arena complex will periodically list "message holding" by call sign.

LICENSE EXAMS

Technician, General and Amateur Extra Class exams for all pre-registered candidates will be given at Hara Arena on Friday, May 19 at 2:30 P.M. and Saturday, May 20 at 9:30 A.M. & 2:30 P.M. If you have pre-registered, you are required to be at the testing area **no later than fifteen minutes** before the start of the exam. If you are late, your place will be given to a walk-in and you will have to take your chances with the rest of the walk-ins. Reservations are highly recommended; however, walk-ins will be accepted IF room is available.

Each attendee must have the following:

1. A copy of your license, if you have a previous license.
2. A copy of your CSCE credit.
3. \$14.00 in exact change please! Checks made out to ARRL/VEC. No credit cards accepted.
4. A completed FCC Form 605.

SHIPPING SERVICE

The UPS Store offers freight service from the floor of Hamvention, near the North Hall entrance, Door 20, see map on Page 18. Hours are as follows:

Friday	9:00 A.M. - 6:00 P.M.
Saturday	8:00 A.M. - 5:00 P.M.
Sunday	8:00 A.M. - 1:00 P.M.

SPECIAL EVENT STATION

Located in the Flea Market, spaces 101-103. See Flea Market Map 1, Page 21. They will be operating at the following frequencies:

3.870/3.650; 7.270/7.050; 10.110; 14.270/14.050; 18.130/18.090; 21.370/21.050; 28.670/28.050; 147.55 Simplex. All freq's +/- QRM/QRN.

QSL: DARA, W8BI, PO Box 44, Dayton, OH 45401

TALK-IN FREQUENCIES

For directions and assistance in the Dayton area during your visit to Hamvention®, contact "Talk-In" on the DARA Repeater 146.94 (-). Dayton Hams also monitor 223.94 (-) and 442.1 (+).

Transportation & Parking

PARKING & BUS SERVICE

Satellite Parking - Salem Mall (Listen to Talk-In for any changes) : Bus Service is provided between Hamvention® and our satellite parking area at Salem Mall. Buses run continuously starting at 7:30 A.M. and make routes as quickly as possible. Due to changing traffic patterns and bus loads, an exact bus schedule is impossible. The fee for bus service is \$3.00 per day or \$8.00 for the weekend, collected on in-bound trips only. Keep your bus ticket as there is no limit on the number of times you may ride the bus per day.

PAID PARKING:

Hamvention® has no paid parking available at the Arena, but paid parking for \$8 per day will be available in the lots across from Hara Arena on Wolf Road. Hamvention® has no control over that parking. It is also on grass lots so weather conditions will determine how many spots are available. Some churches and other businesses in the past have offered paid parking near Hamvention®, but we have no information on whether any of those spots will be available this year or what their cost might be. The easiest choice is to park at Salem Mall and ride the bus to the Arena.

TRUCK & TRAILER PARKING

Semi-trucks and/or trailers, other over-sized vehicles and large self-contained vehicles can park in designated areas at the Salem Mall; however, overnight camping is not permitted.

CAMPER PARKING

Campers, trailers, self-contained vehicles, or vehicles that require more than one space can park at the Salem Mall from there you may take the bus to Hara Arena. The fee for bus service is \$3.00 per day or \$8.00 for the weekend, collected on in-bound trips only. No overnight camping is allowed.

Campers and trailers may park or camp at Tall Timbers KOA Campground (1-937-833-3888). Bus service will be available. The fee for bus service is \$3.00 per day or \$8.00 for the weekend, collected on in-bound trips only.

TEMPORARY LOADING PASS

A temporary loading pass may only be obtained from the guard at Entrance 1 during the show (see ADA map on Page 6). This restricted loading pass will be valid for 20 minutes and will allow you to use a designated area to load and unload equipment, or to pick up your exhibitor packet at the Exhibits Office. These passes will be time stamped and must be given to the guard at Exit when you leave.



WHEELCHAIRS & SCOOTERS

Arrangements may be made by contacting ScootAround Inc toll-free at 1-888-441-7575, by email at info@scootaround.com, through their website at www.scootaround.com, or by fax at (204) 478-1172. Rental rate is \$160.00 based on a three-day period. Equipment will be available on-site based on availability. Advance reservations are encouraged. To pick up your wheelchair or scooter, please go to Door 26, see map on Page 19.

TAXI INFORMATION

Dayton Yellow Cab	937-228-1155
Miami Liberty Cab	937-222-2822
Checker Cab	937-222-4011
A-1 Taxi	937-435-4666
Antons	937-252-4756
Classic Cab	937-434-7433
Harvest Taxi Service.....	937-879-0059

Future Hamvention® Dates

May 18, 19 & 20, 2007

May 16, 17 & 18, 2008

May 15, 16 & 17, 2009

Transportation & Parking (Continued)

ADA PARKING

Hamvention® as you know does not have any public parking immediately at HARA Arena; however, it has been our desire and policy for many years to help accommodate those individuals with special needs. We are very sensitive to those needs and have gone well beyond all regulations to secure (at extra cost to Hamvention®) a limited number of spaces for these needs. Unfortunately the demand for ADA/Handicapped parking continues to grow dramatically each year and we simply are unable to accommodate everyone who requests a space.

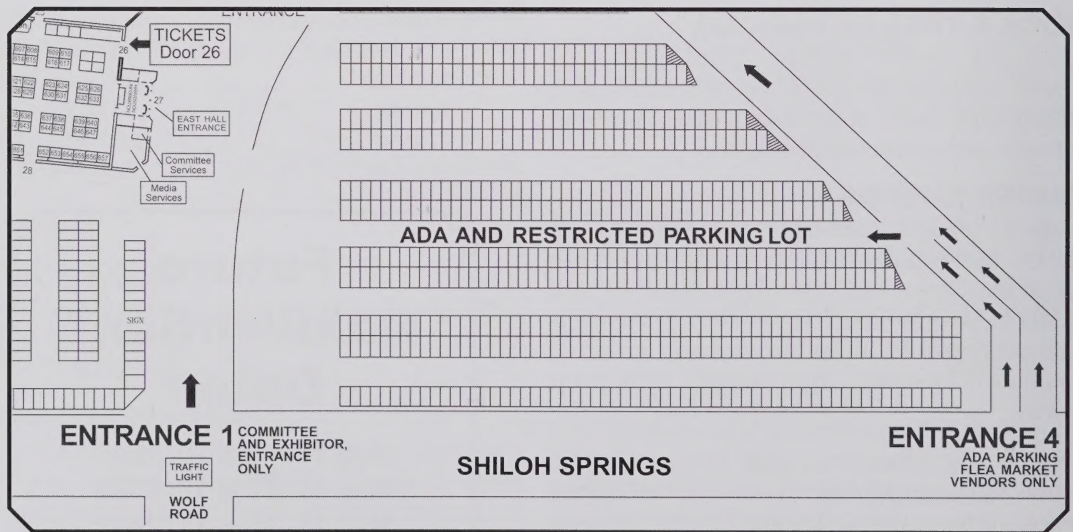
Therefore, as in past years, we require you send in a copy with your ticket request of your State Issued ADA Parking Certificate, along with an SASE, and we will process your request in the order in which it is received. Please remember, there are a very limited number of "Reserved" ADA/Handicapped parking spaces available, so get your request in early.

We have set aside twenty (20) "Reserved" ADA Parking spaces for those individuals who were unaware of/or choose not to follow our recommendation and register early. Please understand if you choose to wait and just come to the show the probability that you will find no ADA/Handicapped spaces available is extremely high.

Again, we STRONGLY urge you to send in your request early and in advance of the show.

The parking fees remain the same as last year: \$8.00/day per car and \$25.00/day for campers and etc. payable at the gate. (Please note: Overnight campers, etc., are not permitted at Hara Arena.)

Please note: The buses running from Salem Mall to Hara Arena front entrance are ADA equipped.



Welcome



Greetings

*From The Office of The Mayor
City of Trotwood, Ohio*

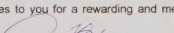
Hamvention

May 19-21, 2006

On behalf of the City of Trotwood, Ohio, I am pleased to extend Greetings and a warm Welcome to members of Hamvention to Trotwood, Ohio and the Greater Dayton area. The City of Trotwood and Dayton are very proud of this event, and Hara Arena as its venue for well over 35 years.

Trotwood and Dayton are partners in its focus during this event to foster old friendships and develop new relationships. Come and enjoy the many attractions to be found in the region.

I extend my very best wishes to you for a rewarding and memorable event in 2006 and beyond.


Donald K. McLaurin
Mayor



MONTGOMERY
COUNTY

MONTGOMERY COUNTY
ADMINISTRATION BUILDING
451 West Third Street
P.O. Box 972
Dayton, Ohio 45422-1336

COUNTY COMMISSIONERS
Charles J. Curran
Deborah A. Lieberman
Vicki D. Pegg

COUNTY ADMINISTRATOR
Deborah A. Feldman

GREETINGS:

ALL PARTICIPANTS OF THE DAYTON'S HAMVENTION MAY 2006

As commissioners of Montgomery County, we would like to welcome each of you to our region for participation in the Dayton Hamvention Convention. We believe the offerings of Dayton and Montgomery County will be enjoyable for you.

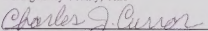
As you will discover, this area is rich in heritage, history, culture, and diversity. Our fine museums, attractions, shopping, and dining establishments will undoubtedly prove their outstanding reputations during your stay.

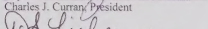
While you travel about the Dayton region, we believe you will realize the many advantages of selecting this area for your event. We stand ready to support all of your efforts and are certain you will find enthusiasm from our Convention & Visitors Bureau as well as the entire hospitality community.

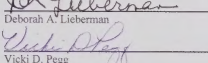
Again, we welcome you to Dayton/Montgomery County and look forward to your return visit.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
Montgomery County, Ohio


Charles J. Curran, President


Deborah A. Lieberman


Vicki D. Pegg

birthplace of innovation

GREETINGS

Rhine McLin

Mayor of the City of Dayton, Ohio

Dayton Hamvention

On behalf of the citizens of Dayton, I am pleased to welcome members of Hamvention to Dayton, Ohio.

While we understand your focus during this event is to foster old friendships and develop new relationships, we also hope you will find this time to learn about our city.

As Dayton is home to the Wright Brothers and the "Birthplace of Aviation," it is only natural that our attractions would feature aviation as its heritage. You can learn about the history of flight by visiting the Dayton Aviation Heritage National Historical Park, the Aviation Trail and the United States Air Force Museum, just to name a few.

I extend my very best wishes for a rewarding and memorable event in 2006 and beyond.




Rhine McLin
Mayor

Hamvention® Phone Numbers

Emergency (937) 276-6930

Inside Exhibits (937) 276-6931

Flea Market (937) 276-6932

Comments Invited!

Comments on your experiences at the Dayton Hamvention® should be addressed to the following:

General Chairman
Dayton Hamvention®
P.O. Box 964
Dayton, Ohio 45401-0964

Additional Activities

Friday, May 19, 2006

QCWA 2006 Hamvention Banquet

The QCWA Hamvention Banquet, hosted by Chapter 9 (SW-Ohio), will be held on Friday, May 19, 2006 at 7:30 P.M. at Alex's Continental Restaurant, 125 Monarch Lane near Miamisburg. Program : "Alternate Energies ... Wind and More" by Ralph Dull.

QRP Four Days In May (FDIM)

The QRP Amateur Radio Club International(SM) will host a vendor night and a QRP Show and Tell at the Holiday Inn, Fairborn, Ohio. Beginning at 8 P.M. on Friday, May 19, everyone is welcome to this FREE event. Come see all those QRP projects that everyone is talking about and meet the vendors. For information and a map, go to www.qrparci.org and look for FDIM link.

SWODXA DX dinner

The DX Banquet will be held Friday evening of Hamvention weekend at the Dayton Crowne Plaza Hotel. The price of the dinner tickets this year is \$34.00 payable to SWODXA and sent to our club treasure Jay Slough (K4ZLE). Please No Paypal or Credit Card. Jay's address is 8183 Woodward Dr., Westchester, Ohio 45069. Advance reservations are required. Final arrangements and times were not available at publication time.

The Dayton Contest Super Suite

This is an open invitation for Contesters and DXers to enjoy a great evening of outstanding conversation. Join us for FUN! Cash bar with lots of room and sit down tables. The meeting (7:00 P.M. to 2:00 A.M.) will be held in the Miami Room (2nd Floor) at the Crowne Plaza Hotel (downtown) Dayton, Ohio. The Super Suite is hosted by North Coast Contesters, The Frankford Radio Club and The Mad River Radio Club. There will be a Midnight Pizza Party. Contact - Tim K3LR k3lr@k3lr.com or <http://www.k3lr.com>.

International Visual Communication Association (IVCA) Friday Night IVCA SSTV Meeting

The meeting will be held Friday at 7:00 P.M. at the Best Western Executive Hotel, 2401 Needmore Road, Phone: 937-275-5039. The Program Chairman is Don C. Miller, W9NTP who will speak along with Dave Jones, KB4YZ. The subjects to be covered will be new software programs, comparison of SSTV systems, innovative uses of SSTV, and SSTV web pages.

There will be a general election of officers. Come prepared to nominate people for the election. Anyone is welcome to present a program.

American Red Cross National HQ Volunteer Appreciation Dinner Gathering

The American Red Cross Appreciation Dinner will be held on Friday from 5:00 to 8:00 P.M. at Ryan's Family Restaurant, 1760 E. Stroop Road.

The American Red Cross National HQ is organizing a dinner gathering for volunteers, especially those communications volunteers who participated in the 2005 Hurricane Season. All volunteers are welcome - Red Cross, ARES, RACES, Salvation Army (SATERN), MARS, REACT, CAP, etc.

Share your experiences and ideas with your counterparts over dinner. A special edition "Volunteer Appreciation QSL Card" will be distributed to everyone who attends this first-ever event.

Ryan's Restaurant in Dayton is well known for great family dining at affordable prices. Information about the menu and prices at Ryan's can be found online at <http://www.google.com/maps>. Pay as you enter. The banquet room is toward the left rear.

To make sure we have adequate seating, please contact Dan Miller, K3UFG, (814) 464-3664 (Cell), with the number of people in your party planning to attend.

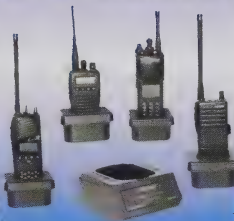
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The AMSAT Banquet

The AMSAT Banquet will take place Friday evening starting with a happy hour from 6:00 P.M. Again this year, the delicious and unique buffet dinner will be held at Elinor's Amber Rose Restaurant, 1400 Valley St. in old north Dayton. Happy hour will include a cash bar and appetizers. Dinner will be served at 7:30 P.M.

Price for the dinner is \$27.50 per person and includes appetizers, salad, meal and dessert, tax and gratuity. Coffee, tea and/or iced tea are included. Payment can be made at the door with cash or most credit cards. Vegetarian meals are available on advanced notice. **Reservations are required.** Maps to the restaurant and possibly a few reservations will be available at the AMSAT booth on Friday until 2:00 P.M.

The featured speaker this year will be Lou McFadden, W5DID, who will give a presentation on Suitsat-1 and future Suitsat satellites.

TAPR Digital BASH

The TAPR Digital BASH is the Hamvention® event for the digitally-inclined ham. A great speaker, great food, and great company make for a great time. This year's speaker will be Lyle Johnson, KK7P, one of TAPR's founding members, speaking about "TAPR's First Quarter Century."

The TAPR Digital BASH will be held at the Dayton Airport Hotel, located at Dayton International Airport, on Friday, May 19. The doors open at 7:00 P.M. and dinner is served at 7:30 P.M. The cost is \$28.00 per person. Reservations may be made in advance through the TAPR office, or purchased at the TAPR Hamvention® booth until 3:00 P.M. on Friday.

For further information, see <http://www.tapr.org/dayton.html#packetbash>.

Topband Banquet

All 160 meter enthusiasts are cordially invited to the Topband dinner gathering on Friday night, May 19. This annual event brings together 160 meter operators from around the world for food, drink, and camaraderie. This year, please note that the dinner location has changed due to the unexpected closing of Neil's Heritage House in Dayton. Advance reservations are required. Walk-ins can not be accommodated.

The Top Band Banquet will be held at the Barnsider Restaurant, 5202 North Main Street on the north side of Dayton. The restaurant is located on Main St just north of the intersection of Needmore Rd (on the East side of Main St.) (Turner Rd. west of Main). The Social Hour will begin at 6:15 P.M. with a cash bar. Dinner will be served at 7:30 P.M. The contact person is George Taft, W8UVZ. E-mail address is w8uvz@voyager.net.

Additional Activities

Saturday, May 20

QRP Four Days in May (FDIM)

The QRP Amateur Radio Club International(SM) will host an Awards Banquet on Saturday night, May 20 at 7:00 P.M. at the Holiday Inn, Fairborn, Ohio. The charge for the full dinner meal will be \$30 per adult. Visitors are welcome. Come join us for fun and lots of prizes. Socialize afterwards. To reserve your seat, go to www.fdim.qrparci.org.

The Dayton Contest Super Suite

This is an open invitation for Contesters and DXers to enjoy a great evening of outstanding conversation. Join us for FUN! Cash bar with lots of room and sit down tables. The meeting (7:00 P.M. to 2:00 A.M.) will be held in the Miami Room (2nd Floor) at the Crowne Plaza Hotel (downtown) Dayton, Ohio. The Super Suite is hosted by North Coast Contesters, The Frankford Radio Club and The Mad River Radio Club. There will be a Midnight Pizza Party. Contact - Tim K3LR K3LR@k3lr.com or <http://www.k3lr.com>.

The 14th Annual Dayton Contest Dinner

The Master of Ceremonies for the Contest Dinner is John Dorr, K1AR. The 2006 Contest Hall of Fame Inductions will be formally announced by the CQ World Wide Contest Director and CQ Contest Hall of Fame member, Bob Cox, K3EST.

The Contest dinner will be held on Saturday night, at 6:30 P.M. The cash bar opens at 5:30 P.M. The dinner will be held in the VAN CLEVE BALLROOM at the Crowne Plaza Hotel, 5th and Jefferson Streets (Next to the Convention Center) in downtown Dayton.

Deadline for ticket orders was May 7, 2006. NO EXCEPTIONS! There will be no Contest dinner tickets for purchase at the door. Many contest operators from around the world attend this event.

2006 ARRL Dayton Youth Dinner

Attention all youth! Join us for the second year in a row at the Dayton ARRL Youth Dinner, at 5:30 P.M., held at Ryan's Grill Buffet & Bakery. For details, see ARRL page in center of the program. Sign up in the ARRL Youth Lounge located in ARRL's Expo area.

The Midwest VHF / UHF Society (MVUS)

MVUS is hosting the **Microwave Update Conference 2006**.

It is the first time this important microwave conference will be held in **Dayton**.

The dates are the 20th to the 22nd of October and
the place is **Holiday Inn North on Wagner Ford Road**.

See us at the Hamvention®, booth 331/332.

Meet like-minded hams, exchange news and
tips about the higher frequencies, the microwaves, mm waves and up to light!

Visit our Web sites: MVUS.org and Microwaveupdate.org

Dayton Hamvention® Past General Chairmen

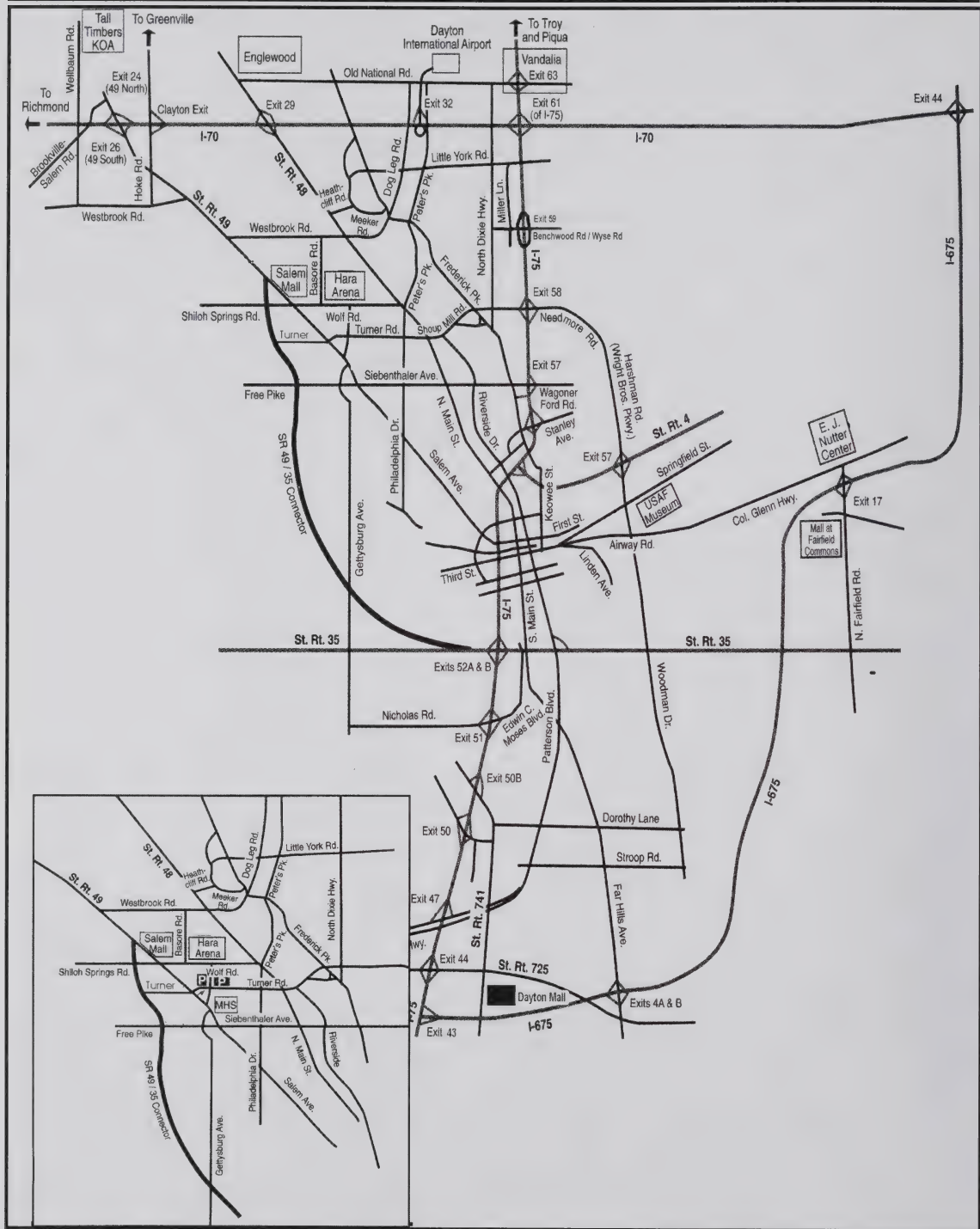
1952-1955	John J. Willig, W8ACE	*
1956-1957	Rudy Plak, W8ZOF (W6TIK)	*
1958	Frank J. Schwab, W8YCP (W80K)	*
1959-1960	Ed F. Bonnet, W80VG	*
1961-1962	Joseph H. McNutt, W8GFN	*
1963-1964	Sheemon A. Wolfe, W8WJL	
1965-1966	Edgar A. Smith, W8RKL	*
1967	Robert Wilcox, K8EJI	*
1968-1969	Jack Ohmart, K8CUA	
1970-1971	Kenneth E. Mills, W8RLY	
1972.....	George L. Shearer, WA8IHC (KE8WJ)	*
1973-1976	Ted L. Suarez, K8BSC	
1977	Wallace M. Wright, WA8ZCA (AD8N)	
1978	John Basilotto, W5GI (KC2EH)	
1979	Sandford H.Cohen, W8JEZ	
1980-1981	Noel K. McKeown, WB8QQC	
1982-1983	Harold A. Judd, K4GZL	*
1984-1985	Jack Mitchell, AA8Q	
1986-1987	Jim Simpson, WB8QZZ	
1988-1989	Bill McNabb, WD8SAY	
1990	Ed Hillman, N8ALN	
1991-1992	Ross Brown, WA8DQH	
1993-1994	Dave Grubb, KC8CF	
1995-1996	Ken Allen, KB8KE	
1997-1999	Dick Miller, N8CBU	
2000-2002	Jim Graver, KB8PSO	
2003.....	Pat Neff, N8IGS	
2004- 2005	Gary Des Combes, N8EMO	

* Deceased

2006 Dayton Hamvention® Committee

ADMINISTRATION	General Chairman	Jim NIES	WX8F
	Asst. Gen Chairman	Carl ROSE	K8CPR
	Adviser	Jim SIMPSON	WB8QZZ
ARRL	Liaison	Jim WEAVER	K8JE
ADVANCE REGISTRATION	Chairman	David BOHLANDER	KA8RIO
AWARDS	Chairman	Pat JOHNSON	KC8ZZO
COMMITTEE SERVICES	Co-Chair	Hazel EVERETTS	N8PTL
	Co-Chair	Jeff EVERETTS	N8IBW
COMMUNICATIONS / SECURITY	Chairman	Jim TIDERMAN	N8IDS
	Asst.-Chairman	Greg MURPHY	KB8SWM
DARA BOOTH	Chairman	Dave AIVALOTIS	WB8SVJ
	Asst. Chairman	Earl MOREO III	N6FXB
FINANCE	Chairman	Jim SCHOETTINGER	W8PLZ
FLEA MARKET	Chairman	Ross BROWN	WA8DQH
FORUMS	Co-Chairman	Ron MOOREFIELD	W8ILC
	Co-Chairman	Todd COLLINS	N2TUN
GOLF CART	Chairman	Mike BUEHLER	N8XGA
	Asst. Chairman	Phil GREGG	KC8GLA
INSIDE EXHIBITS	Chairman	Gary KOPAS	KC8CSH
	Asst. Chairman	Mike CRAWFORD	KC8GLE
LICENSE EXAM	Chairman	Mike ARQUILLA	N8SD
MAILING	Chairman	Frank GOOD	KA8GYV
	Asst. Chairman	Nancy MAKLEY	KC8GYW
MARKETING	Chairman	Tom HOLMES	N8ZM
MEDIA	Chairman	Henry RUMINSKI	WD8JOI
M I S	Chairman	George POTOR	W8NTY
	Asst. Chairman	Jim SIMPSON	WB8QZZ
OMBUDSMAN	Chairman	Reuben MEEKS	W8GUC
PRIZE	Chairman	Matt SMITH	AB8OR
PROGRAM	Chairman	Jerry MILLER	WD8QAI
	Asst. Chairman	Mel BERMAN	W8GTR
SPECIAL EVENT STATION	Chairman	Mike KIRLIN	KC8UPN
TALK-IN	Chairman	Sam ANDERSON	N8VES
	Asst. Chairman	Steve HUBERTZ	KC8GDR
TRANSPORTATION	Chairman	Charlie COTTERMAN	KA8OQF
	Asst. Chairman	Jon THUERMER	KB8SRQ
VOLUNTEER RECRUITING	Chairman	Bill WEANER	KB8BKW
WEBMASTER	Chairman	Steve COY	K8UD
	Asst. Chairman	John ACKERMANN	N8UR

Dayton Area Map



Prizes

2006 Hamvention Prize Contributors

As of April 30

Alan Broadband Co.
Alinco
Alpha Radio Products
Amidon, Inc.
ARRL
Belden Cable
Bird Electronic Corporation
Cushcraft
Degan Designs
DX Engineering
Ham Radio Outlet
Ham Test OnLine
Heil Sound
Icom
K-COM
Kenwood
LDG
Lightblasters - Performance LED Lights
Mini Circuits
NAT Communications
NCG (Comet - Daiwa - Maldol)
Palstar
Skysweep Technologies
Universal Radio
Webster Communications
West Mountain Radio
Yaesu
YLRL, Buckeye Bells

DARA Scholarships

Year	Scholarship	Name	Call	Scholarship	Name	Call	Scholarship	Name	Call
1983		Richard Gibson		David Somers					
1984		Terence R. Mahone		Jerome J. Serotnik					
1985									
1986		Tracy LaFleur	N5FKG	Angela Fox	KAGJPD				
1987		Carol Lee Colby	KABPLF	Michael Wozniak	KD8TA				
1988		Lynn Bailey	KABPMD	Ross Leplante	WG7I				
1989		Laurie Sandell	N2FSO	Jon Kidder	KB8QFL				
1990	Charles G. Frye	Mark Hendrickson	N6WRL	Mary K. Beardslee	N8HY				
1991	Charles G. Frye	James Harper	KB5CTQ	Jerry Hensley	N8HUT				
1992	Charles G. Frye	Thomas M. Turk	KM4VI	Shawn E. Allen	KB8IYA				
1993	Charles G. Frye	Dean Madsen	KE0WJO	Matthew Minney	N8PIG				
1994	Charles G. Frye	Jerry "Jay" Hensley Jr.	N8HUT	Eric I. Shook	KF8DF				
1995	Charles G. Frye	Teresa M. Hensley	KAB8YO	Eric I. Shook	KF8DF				
1996	Charles G. Frye	Teresa M. Hensley	KAB8YO	Matthew R. Thomas	N8TWF				
1997	Charles G. Frye	Jason Hale &	KF4NVT						
1998	Charles G. Frye	Christopher Hale	KF4JJO	Griffith Davies	K7NWC				
1999	Charles G. Frye	Adam F. Henry	K8DDO	James P. Horn	KB8HP				
2000	Charles G. Frye	George M. Hagedorn	KF8XZ	Michael S. Schoettinger	K8LQU				
2001	Charles G. Frye	Leslie K. Karp	K6WZQ	Joseph M. McDermott	KC2CCA				
2002	Charles G. Frye	Sara K. Hanna	KE6MWX	Candice M. Elliott	KC2DTE				
2003		Thomas A. Tenaglia	K3TAT	William S. Bailey	KFAVAL				
2004									
2005		Jennifer Kincer	KC8HWM						

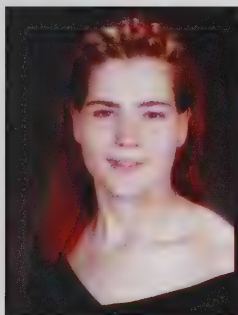
Year	Scholarship	Name	Call	Scholarship	Name	Call	Scholarship	Name	Call
1983									
1984									
1985									
1986									
1987									
1988									
1989									
1990		Michael Adams	N8GEV						
1991		Mary K. Beardslee	N8HEY						
1992		Kevin D. Creech	N7VYU						
1993		Barbara Curry	NATCC						
1994		Alexis M. Leynes	N9KJY						
1995		Thomas J. Iku	N1RFF						
1996		Lindsay L. Schoettinger	K88ZJT						
1997	John Willig	Melissa E. Schweikhart	K88EPO						
1998	John Willig	Melissa E. Schweikhart	K88EPO						
1999	John Willig	Melissa E. Schweikhart	K88EPO						
2000	John Willig	Elizabeth S. Haynes	KATYBE						
2001	John Willig	Frederick B. Hummiller III	K88WUI						
2002		Jenne N. Hansen	K82RAP						
2003									
2004									
2005									

DARA Scholarships

Since 1983, the Dayton Amateur Radio Association has been able to assist young amateurs heading to college by awarding scholarships. Over the years, we have awarded 127 scholarships that total more than \$200,000. The scholarship can be used by the student for tuition at the school of their choice. The program is available nationwide to any FCC licensed amateur radio operator graduating from high school in the year the award is given. There are no restrictions on class of license or course of study.

Since we have returned to an "all-volunteer" show and reduced costs, we are able to reinstitute the scholarship program. In 2005, we awarded one scholarship and in 2006 we are awarding two scholarships through ARRL. At the same time, we are investing funds in the ARRL Foundation to ensure that the scholarship program will continue in the future.

2005 Scholarship



Jennifer Kincer, KC8HWM, of West Alexandria, Ohio, is the recipient of the 2005 DARA Scholarship. Jennifer holds a Technician class license and has worked on DARA's Van Crew and Hamvention® since 1998. She is attending Sinclair Community College and plans to study nursing.

Future Scholarships

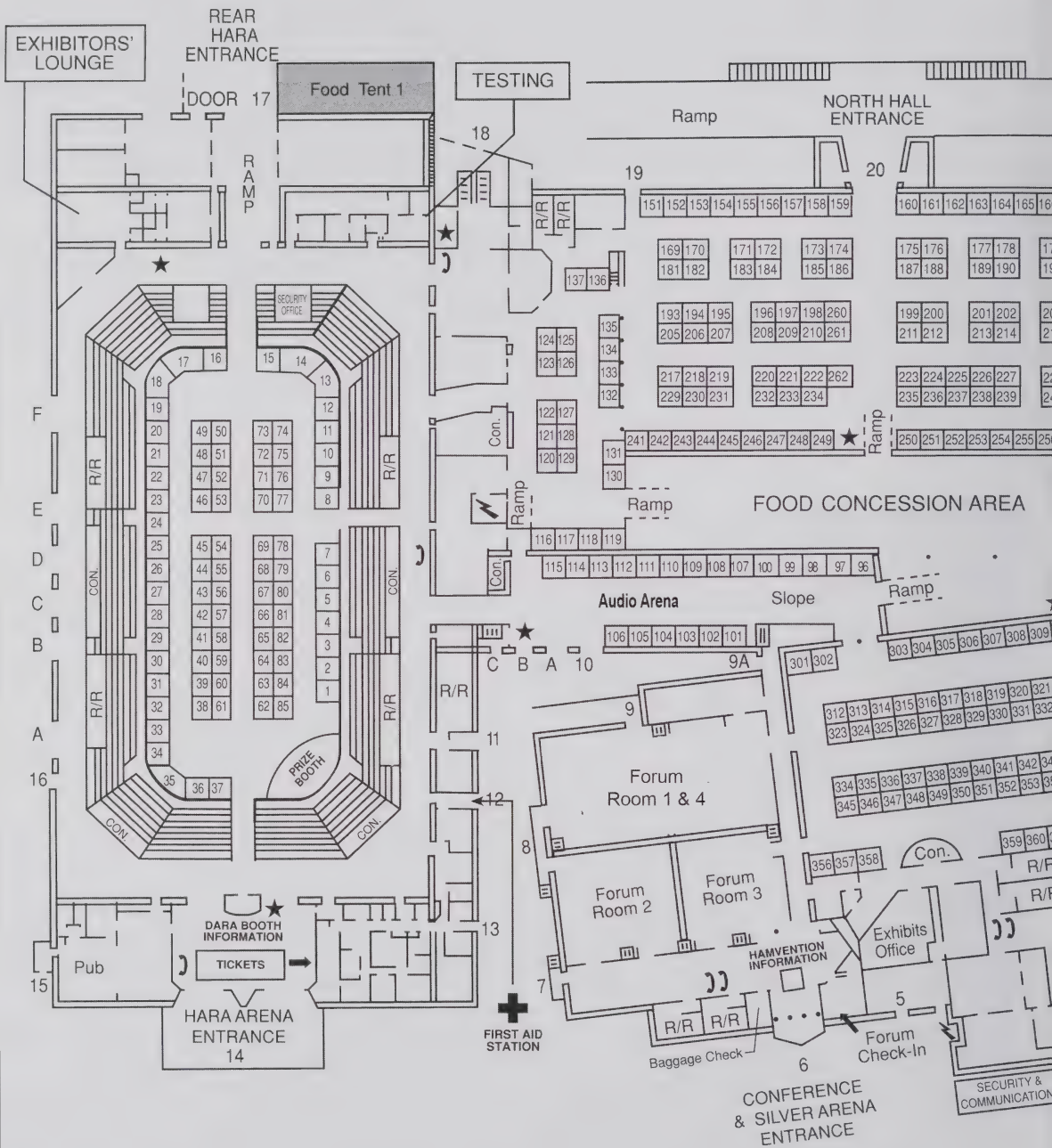
ARRL Foundation will be announcing the recipients of DARA's 2006 Scholarships after May 15th. To apply for future DARA Scholarships, please contact the ARRL Foundation at 225 Main Street, Newington, CT 06111 or by e-mail at foundation@arrl.org.

Applications and instructions can be downloaded from

<http://www.arrl.org/arrlf/schoappl.html>

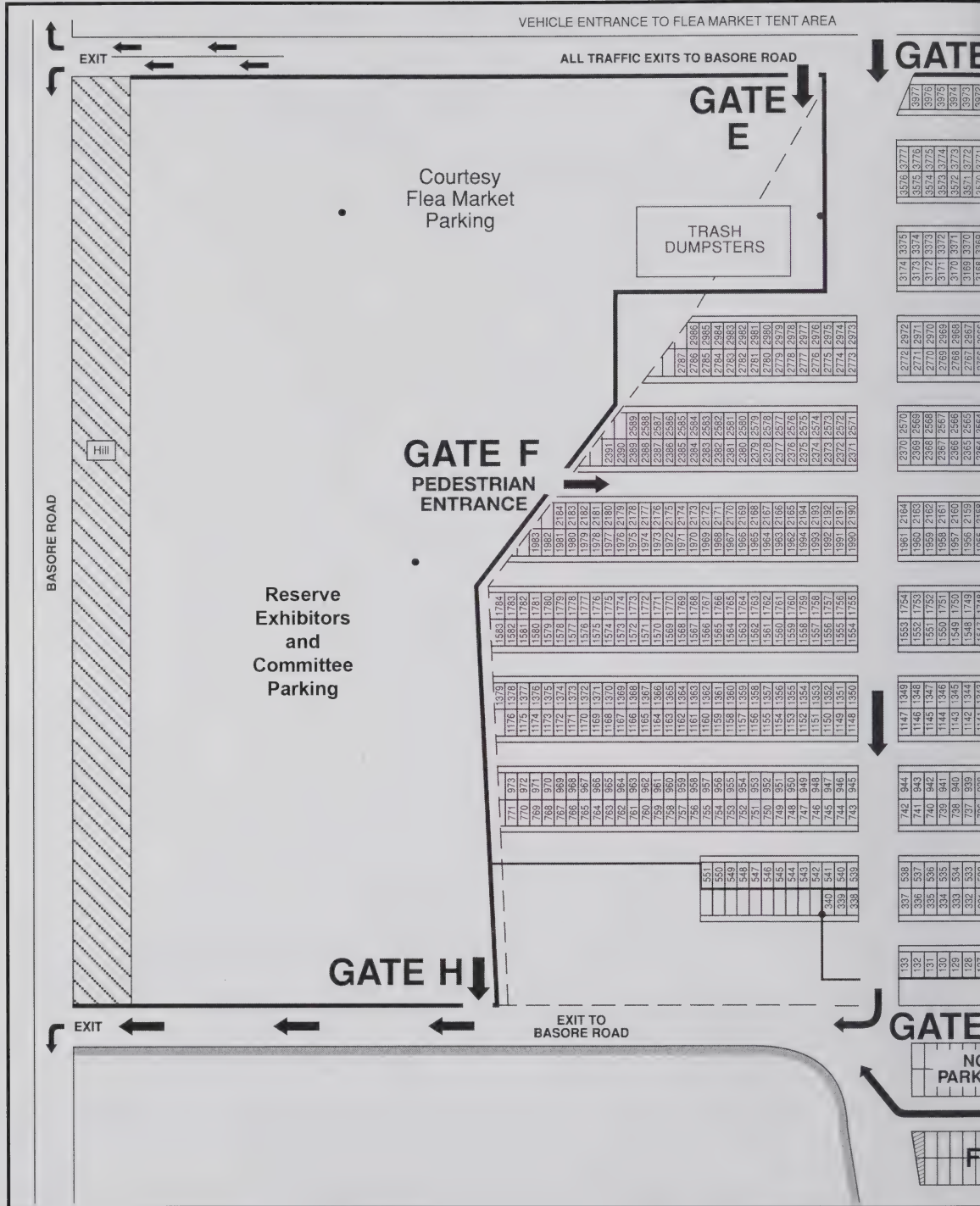
Applications must be submitted no earlier than October 1st and no later than February 1st along with a current academic transcript.

Exhibitors Map



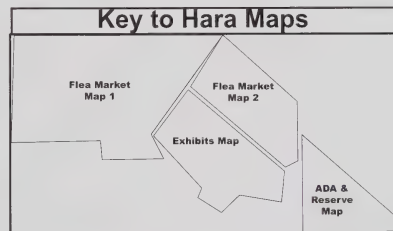
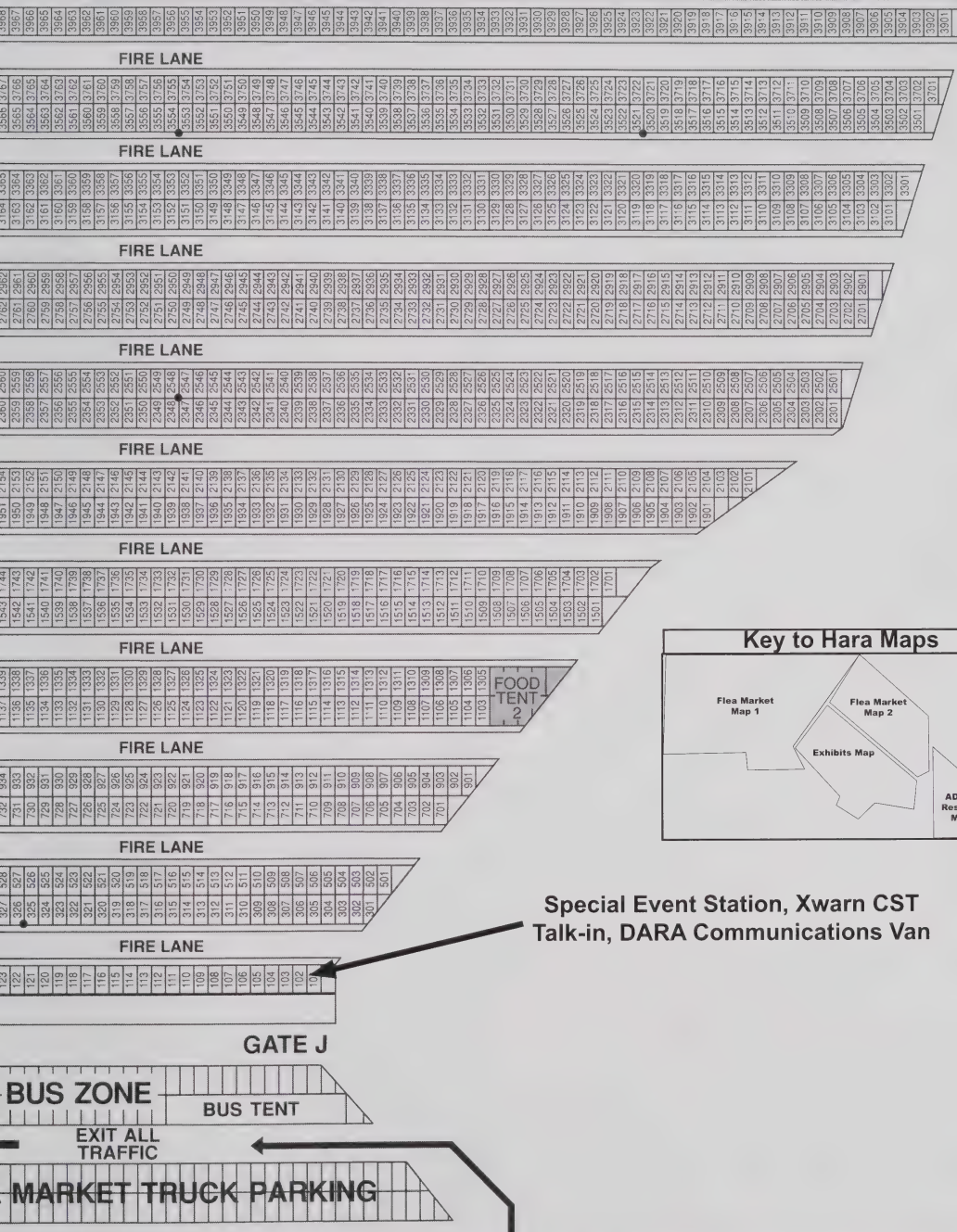


Flea Market Map 1



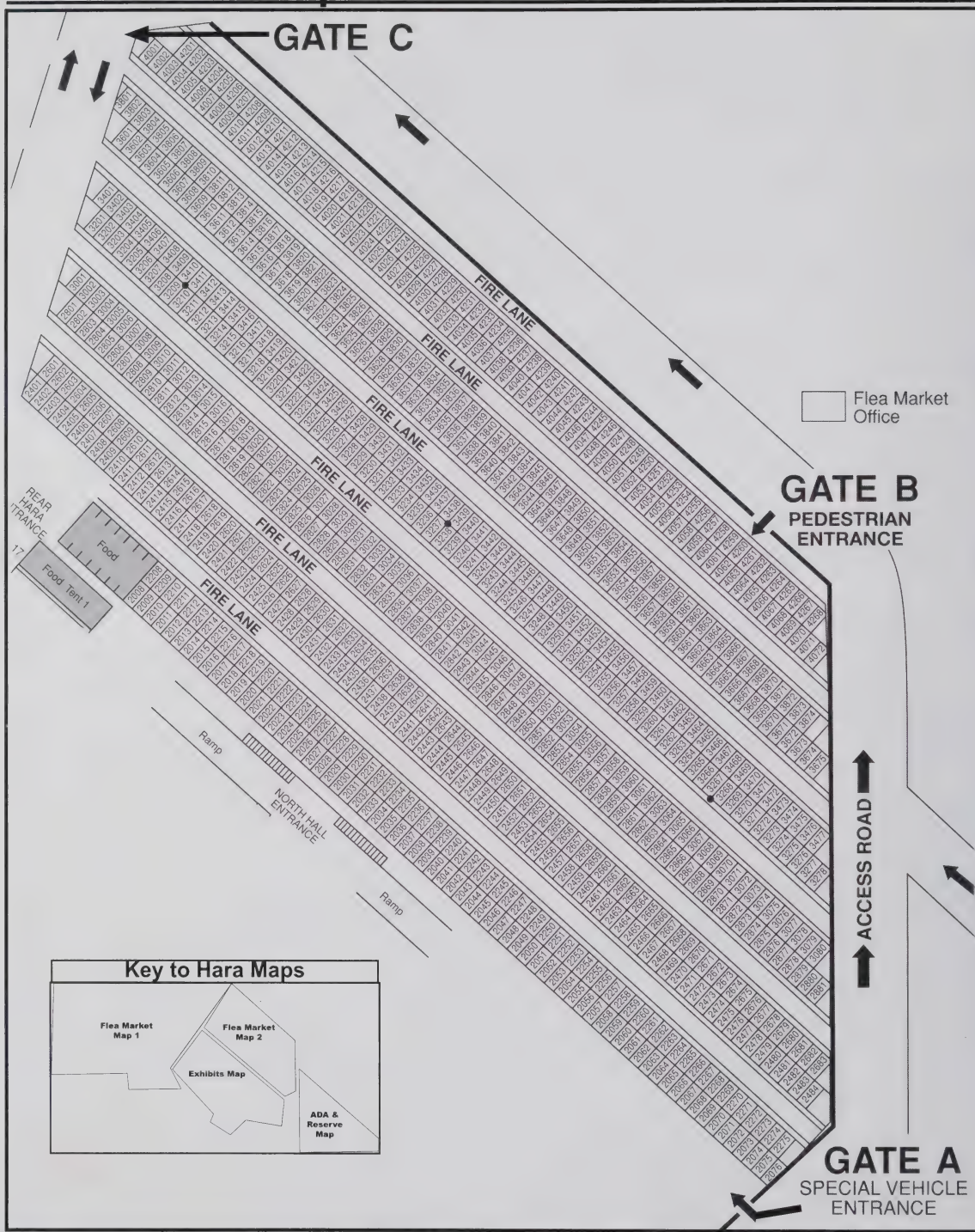
ALL TRAFFIC EXITS TO BASORE ROAD

GATE C



Special Event Station, Xwarn CST
Talk-in, DARA Communications Van

Flea Market Map 2





ARRL The national association for
AMATEUR RADIO
www.arrl.org

ARRL EXPO 2006

Dayton Hamvention®

EXHIBIT & ACTIVITIES GUIDE

May 19-21, 2006

**Hara Arena, Conference & Exhibition Center
Dayton, Ohio**

Welcome radio amateurs and friends! This year, Dayton Hamvention® is host to ARRL EXPO 2006. It's like having two great shows in one! Use these next pages as a handy guide to find your way around ARRL EXPO activities and exhibits.

You'll find ARRL EXPO in the Hara Ballarena (near the 400-numbered booths). Your Hamvention admission includes access to ARRL EXPO!

ARRL EXPO

ARRL EXPO is a large exhibit area located in the Ballarena Hall (near the 400-numbered booths). This is a showcase of ARRL exhibits and activities to enhance your Amateur Radio experience. Refer to the exhibitors map and look for the ARRL EXPO "button."

ARRL Bookstore (ARRL EXPO area)

Visit the HUGE ARRL bookstore to purchase popular ARRL publications, join or renew your ARRL membership, and pick up official ARRL merchandise. Meet ARRL authors, and see software demonstrations.

- **ARRL EXPO Membership Special!** Get a FREE gift when you join ARRL or renew.
- **FREE Dayton Button!** Visit the ARRL Bookstore for your free ARRL EXPO souvenir button.

ARRL Diamond Club

Join ARRL Diamond Club, and receive a free gift! Visit the ARRL Bookstore or ARRL Development booth to sign up. Drop by for more information, or visit www.arrl.org/diamondclub.

ARRL Passport

ARRL Passport is the ultimate convention scavenger hunt. Pick up your free ARRL Passport at the ARRL EXPO exhibits area. Use your ARRL Passport as you wander from exhibitor to exhibitor and from activity to activity. Look for Passport signs throughout the convention, and collect Passport codes to qualify to win great prizes! No purchase necessary to participate. **Each copy of ARRL Passport includes the official rules and entry form.** Limited to the first 5,000 visitors to the ARRL EXPO exhibits area. Pick up your ARRL Passport, and join the fun!



ARRL Passport Prizes

(confirmed by press time)

- Icom IC-7000 HF/VHF/UHF All Mode Transceiver
- Icom IC-PCR1500 PC Controlled Receiver
- Kenwood TH-F6A 144/220/440 MHz Handheld Transceiver
- AOR DS3000A Wideband Discone Antenna
- AOR DS3000A Wideband Discone Antenna
- Alinco DJ-C7T 144/440 MHz Micro Transceiver



ARRL EXPO 2006

Dayton Hamvention®

ARRL EXPO EXHIBITS AND BOOTHS

- **ARRL Bookstore** - Purchase publications, join or renew your ARRL membership, and pick up official ARRL merchandise.
- **Meet the Authors!** - Here's your chance to shake hands with some of ham radio's most well-known authors and editors. Get an autograph!
- **ARRL Grassroots Lobbying** - Join the effort to support ARRL Federal legislative initiatives that are helpful to ham radio.
- **The ARRL Lab** - Product review testing, RFI/EMI information, BPL presentation and more.
- **ARRL Education & Technology Program** - See displays of ARRL program kits, projects, activity boards and other resources available to schools and teachers. Also, information about Amateur Radio on the International Space Station (ARISS).
- **ARRL Youth Activities and Youth Lounge** - Whether you're one or twenty-one, drop by this exhibit for ham radio FUN: fox-hunts, scavenger hunts, Morse code fun, crafts, prizes, snacks and more! Stop by to meet and socialize with other young hams.
- **ARRL Media and Public Relations** - featuring the "Hello..." campaign, celebrating 100 years of voice over radio. Find out how you can become involved in Amateur Radio's largest and most ambitious public relations campaign.
- **ARRL Affiliated Clubs and Mentor Program**
- **Emergency Communications and Public Service** - Ham Aid "Go Kits" will be displayed. Register for the popular ARRL Amateur Radio Emergency Communications online courses.
- **ARRL Section Managers and Section Leaders** - Visit this gathering area for ARRL Field Organization networking.
- **DXCC Card Checking** (see **ARRL Activities** for additional information)
- **TravelPlus for Repeaters™** software demonstration
- **ARRL Volunteer Examiner Coordinator** - Licensing forms, testing information and more.
- **ARRL Development** - Diamond Club, Spectrum Defense Fund, Education & Technology Fund, W1AW Endowment Fund and more.
- **The ARRL Foundation** - Scholarships and Grants for Amateur Radio.
- **ARRL Services!** - New to ham radio? Got a question? ARRL is here to help YOU.
- **ARRL guest exhibits:**
 - The National Association of Radio and Telecommunications Engineers
 - United States Power Squadrons®

ARRL ACTIVITIES & SPECIAL EXHIBITS

The ARRL Stage (ARRL EXPO area)

See live presentations every half hour at the ARRL Stage, located in the ARRL EXPO area. A list of presentations is posted near the stage. Hear from ARRL volunteers and staff on a variety of topics!

ARRL Internet Café and WiFi

Got a laptop? The ARRL EXPO exhibit area in the Hara Ballarena is equipped with a wireless LAN. The system is 802.11b/g compliant. Any laptop or device equipped for wireless will enjoy Internet access within the ARRL EXPO vicinity. The ARRL EXPO will also include a small Internet café with computers set up to browse. Access your e-mail and the Internet. Surf away! *Compliments of ARRL, in partnership with the Dayton Microcomputer Association.*

DXCC Card Checking (ARRL EXPO area)

Friday, Saturday, and Sunday

Personnel from the ARRL DXCC Branch will be on hand to check your DX cards and applications. All cards will be eligible for checking, including old cards, cards for deleted countries and cards for 160-Meters. Applications will be limited to 120 cards (more cards will be checked as time and volunteer Card Checkers are available). See www.arrl.org/awards/dxcc for the latest program information and current forms.



ARRL EXPO 2006

Dayton Hamvention®

Meet the Authors! (ARRL EXPO area)

Here's your chance to shake hands with some of ham radio's most well-known authors and editors. Get an autograph! (a schedule will be posted at the table)

- Michael Bryce, WB8VGE, author, *Emergency Power for Radio Communications*
- Walter Fields, W4WCF, author, *Marine Amateur Radio*
- Steve Ford, WB8IMY, *QST* Editor, and author of many ARRL publications
- Joel Hallas, W1ZR, *QST* Product Review Editor and author of *Basic Radio - Understanding the Key Building Blocks*
- Rick Lindquist, N1RL, ARRL News Editor
- Carl Luetzelshwab, K9LA, *NCJ* Editor—*The National Contest Journal*
- Dean Straw, N6BV, *ARRL Antenna Book* Editor, and editor of many ARRL publications

Amateur Radio License Examinations

Friday, May 19, 2:30 PM

Saturday, May 20, 9:30 AM and 2:30 PM

ARRL/VEC administered Amateur Radio license examinations will be provided by the Dayton Amateur Radio Association. Technician through Extra class exams will be given. For the latest examination times and reservations (highly recommended) visit www.arquillalabs.com/license.html or contact Mike Arquilla, N8SD, n8sd@arquillalabs.com.

Commercial License Examinations

Friday morning, May 19

Sunday morning, May 21

FCC Commercial License testing (GROL exam) will be provided by NARTE, the National Association of Radio and Telecommunications Engineers. Testing fee is \$50 (not included in Hamvention entrance fee). For more information or pre-registration contact NARTE at 1-800-89-NARTE or visit www.narte.org.

ARRL Relaxation Station (ARRL EXPO area)

This seating area is for YOU. Sit down and relax, catch up with old and new friends. Post your call sign on the board, so others will know you were here!

ARRL Youth Activities

ARRL Youth Activities and Youth Lounge (ARRL EXPO area) - Have you been to a youth forum before and felt as if you had no time to talk to the other youth that were there? Well, this year, stop by the ARRL Youth Lounge to meet and socialize with other young hams. Whether you're one or twenty-one, the Youth Lounge, located in the ARRL EXPO area, is sure to offer something that you'll enjoy. Come to chat with other hams, listen to music, grab a snack, or participate in one of the many activities: fox-hunts, scavenger hunts, Morse code fun, a QSL card designing contest, crafts, prizes, and more. Even if you're not licensed, you're welcome to come by and join the fun!

ARRL Youth Calling Frequencies: If you're looking for other youth during the convention, try calling them on the youth calling frequencies: 145.540 MHz (107.2 Hz CTCSS) primary and 146.430 (233.6 Hz CTCSS) secondary.

2006 ARRL Dayton Youth Dinner, Saturday May 20, 5:30 PM - Attention all youth! Join us for the second year in a row at the ARRL Dayton Youth Dinner. Parents are welcome to come, as well, but they'll be seated at separate tables, so that youth can be youth and parents can be parents. Sign up in the ARRL Youth Lounge (located in the ARRL EXPO area) so that we'll have an estimate of how many are coming. See Andrea Hartlage, KG4IUM, with any questions.

Dinner Location and Directions: Ryan's Grill Buffet & Bakery, 6999 Miller Lane, Dayton, OH 45414. (937) 415-5718. From Hara Arena: Take a RIGHT onto Wolf Road and travel 0.4 miles. Turn LEFT onto Turner Road. Continue going straight for approximately three miles; Turner Road will become Shoup Mill Road, then Needmore Road. Take a LEFT onto North Dixie Drive, and travel 1 mile. Take a RIGHT onto Stop 8 Road and travel approximately 0.3 miles. Turn LEFT onto Miller Lane, and travel approximately 0.6 miles. It's also exit 59 on I-75. Talk in will be on one of the youth calling frequencies: 145.540 MHz (107.2 Hz CTCSS) primary and 146.430 (233.6 Hz CTCSS) secondary.

Special thanks to ARRL volunteer Andrea Hartlage, KG4IUM, for organizing the ARRL Youth Activities.



ARRL EXPO 2006

Dayton Hamvention®

ARRL FORUMS

See the forum schedule elsewhere in the Hamvention® program for a complete slate of convention forums including the Teacher's Workshop with Carole Perry, WB2MGP and Youth in Amateur Radio forum, FCC, DXing, Contesting forums and more!

Friday May 19, 2006

ARRL Grassroots Lobbying Forum

9:00 AM - 10:00 AM, Room 1

ARRL Clubs and Mentoring Forum

9:00 AM - 10:00 AM, Room 2

ARRL: Main Street USA

Meet ARRL President Joel Harrison, W5ZN

10:00 AM - 11:00 AM, Room 1

Amateur Radio and The Law, "Getting it Up and Keeping it Up"

12:30 PM - 2:30 PM, Room 3

Antenna Forum

Includes a presentation by *ARRL Antenna Book* Editor, Dean Straw, N6BV, titled "Another Way to View Propagation Predictions for DXing and Contesting"

1:30 PM - 4:00 PM, Room 1

Saturday May 20, 2006

ARRL Membership Forum

8:15 AM - 9:15 AM, Room 3

ARRL Public Relations Forum featuring the "Hello..." Campaign

8:15 AM - 9:15 AM, Room 5

AMSAT Forum

8:15 AM - 11:00 AM, Room 1

Sunday May 21, 2006

Disaster Communications Overview

A review of emergency response in 2005

8:30 AM - 10:45 AM, Room 1

ARRL Resources for Teachers and Instructors

8:30 AM - 9:45 AM, Room 5

ARRL: Broadband Over Power Line (BPL) Update

10:30 AM - 12:00 PM, Room 2

THANK YOU!

ARRL expresses its gratitude to the 2006 Dayton Hamvention® Committee and volunteers that contributed to the success of ARRL EXPO 2006 in Dayton, Ohio.

Got an idea for next time?

Please contact the office of the ARRL EXPO Coordinator, email expo@arrl.org.

Visit the ARRL EXPO
area to get your
FREE BUTTON!

Dayton
100 YEARS OF
ARRL EXPO
2006
DAYTON

Forums Schedule

	Friday				Saturday				Sunday			
	Room 1 & 4	Room 2	Room 3	Room 5	Room 1 & 4	Room 2	Room 3	Room 5	Room 1 & 4	Room 2	Room 3	Room 5
8:00 AM												
8:15 AM					AMSAT		ARRL	ARRL Public Relations				
8:30 AM						Software Defined Radio	Membership		Disaster Commu-ications Overview &	Bicycle Mobile		ARRL Teachers
8:45 AM												
9:00 AM		ARRL Clubs Mentoring	Lightning Protection	National Traffic System								
9:15 AM	ARRL Grassroots					Youth In Ham Radio	FCC	Drake				
9:30 AM												
9:45 AM												
10:00 AM	ARRL								ARRL ARES			RTTY
10:15 AM	Main Street	TAPR	Techniques of Best Operators	QRP								
10:30 AM												
10:45 AM									Red Cross			
11:00 AM												
11:15 AM	American Red Cross		BPL	Kit Building				AMSAT Education				
11:30 AM												
11:45 AM												
12:00 PM					Dxing	Software Defined Radio						
12:15 PM												
12:30 PM		Teachers' Workshop	Amateur Radio And the Law			Software Defined Radio						
12:45 PM						Fourm #2		SATERN (Salvation Army)				
1:00 PM												
1:15 PM							Newsline Town Meeting					
1:30 PM	Antenna			YLRL								
1:45 PM												
2:00 PM					Contest	VHF UHF Microwave						
2:15 PM		County Hunters										
2:30 PM												
2:45 PM												
3:00 PM			GPS Mapping for Emergency Responder	HF Digital								
3:15 PM												
3:30 PM								Slow Scan TV				
3:45 PM												
4:00 PM		AM	Frequency Coordination	10-10 International								
4:15 PM												
4:30 PM												
4:45 PM												
5:00 PM												

Forum descriptions to be included in the Program are due by **April 1**.
Send to program@hamvention.org.
 Please, send copies to
 Webmaster & Forums.

Exhibitors

10-10 International Net, Inc.	326	Down East Microwave	225,226
A2Z Computers, Inc.	482,486	DX Engineering	1-7, 179-180, 191-192, 203-204, 215-216
Acom International Inc.	456	DX4WIN	527,528
AES Amateur Electronic Supply	26,27,28,29	DZKIT	177,178,189,190
Alfa Radio	205	Elecraft, Inc.	196-198
All Ohio Scanner Club	107	Electronic Associates	13,14
Alpha Radio Products	136,137,135	Engelhaupt Embroidery	359,360
Aluma Tower	526	E-Z Hang, Inc.	546
Amateur Accessories	343,344,355	EZNEC Antenna Software	514
Amateur Television Network	236	Fists CW Club	100
Amateur Television Quarterly	207	Flexradio Systems	313,314
American National Red Cross	625,626,632,633	Florida Hams Association	429
American Radio Relay League	Ball Arena	Foundation for Amateur Intl Radio Service	346
Ameritron	80,81,82	Futronics Inc.	134
AMSAT	444-448	GAP Antenna Products, Inc.	30
AOR U.S.A., Inc.	451-454	Gemmagic	200
Argent Data System	213,214	G-QRP Club	241
Aspen Graphics	345	Green Heron Engineering	531
Atlas Business, Inc.	555	Ham Maps	245
Aventrade	199	Ham Radio Outlet	20,21,22,23
B & B Embroidery	117,118	Ham Station, Inc.	536,537,538,539
B & B Enterprises	309-311	Hamation	409,410
Batteries America	120-122	HamTestOnline.COM	187,188,175,176
Battleship New Jersey Amateur Radio Sta.	319	Hamware.de	455
Begali Pietro, I2RTF	420	Hash Inc.	124
Bencher Inc.	11	Hawk Distributors, Inc.	540,541
Bird Technologies Group	413,414	Heil Sound LTD	103-106
Bonito - CICS-Computer International	317	High Sierra Antennas	302
Buckmaster Publishing	333	Hydropedes Therapeutic Shoe Insoles	515
Buddipole	43	Hy-Gain	24,25
Bulldog Keys / Unified Microsystems	206	ICOM America, Inc.	33-37,96-98,562,563,589
Byonics/Costal ChipWorks	224	ICS	195
Cedar City Sales	171,172,183,184	Idiom Press	12
CG Antenna	543	Information Radio 1610	318
Chicago Computer Broker	509	International Radio Corp	405
Christian Amateur Radio Fellowship (CARF)	305	Internet Radio Linking Project	324
Civil Air Patrol	155	Jalaluddin Shamas	358
Coaxial Dynamics	401	Japan Amateur Radio League	483
Collins Collectors Association	459	Jubilee Products	125
Computer Automation Technology	217	K0XG Systems	519,520
Cordpro	421	K1CRA Radio Store	201,202
Courage Handi-Ham System	327	K9 LIGHTING LLC	525
CQ Communications, Inc.	74,75	Kanga US	41,42
Cushcraft Corporation	16,17	Kenwood USA Corporation	50-,53,70-,73
D.J. Phillips Electronics	264	Key Source Technologies	418,419
Davis Instruments	338-340	KJI Electronics of Ohio, Inc.	321,322
DC Ace Electronics, Inc.	169,170,181,182	Klong Electronics Co. Ltd.	652
DC Power, LLC	354	Lightblasters - Performance LED Lights	325
DIAMOND ANTENNA	365,477	Lightning Bond Adhesives	575-,577
Digital Badge.com	583	Link Communications, Inc.	416
Digitronix	610,617	Little Giant Ladder System	616
Doug Hall Electronics	233	M2 Antenna Systems, Inc.	620,627

Exhibitors

M3 Electronix, Inc	129	RT Systems, Inc.....	244
Maha Energy Corp.....	54,55	SATERN, Salvation Army.....	475
MARS, Combined MARS.....	356,357	Sauder Electronics.....	127,128
Medical Amateur Radio Council Ltd.....	361	Scanner Master Corp.....	402,403
Mendelson Electronics.....	654-657	Select Computer Resources.....	471
Metal & Cable Corp., Inc.....	502	Serial Wombat.COM.....	404
Metrotel Communications.....	193	SGC, Inc.....	623,630
MFJ Enterprises Inc.....	62-,67,83,84,85	Sign Man of Baton Rouge.....	568,569
Michigan QRP Club, Inc.....	242	Sign Man of Ohio.....	218,219
Micro Computer Center.....	552, 553	Solder-It Co.....	10
Micro Ham America.....	516	Startek International, Inc.....	235
MicroLog by WA0H.....	334	SteppIR Antennas Systems.....	518,529
Microtech Electronics.....	229,230	Straight Brass.....	622
Midwest VHF/UHF Society.....	332,331	Suspender Man.....	480,479
MINI CIRCUITS.....	472	TAPR (Tucson Amateur Packet Radio).....	607,608,615
Mirage Communications.....	9	Tarheel Antennas.....	158,159
N4PY Software.....	227	Telepost Inc. - N8LP.....	517
National Communications Magazine.....	433	Ten-Tec, Inc.....	548-550
National Weather Service.....	408	The Competition.....	263
NCG Company (Comet/Maldol/Daiwa).....	56-58	The UPS Store.....	167,168
Nemal Electronics Intl. Inc.....	301	Timewave Technology, Inc.....	108,109
New Communications Solutions, LLC.....	101,102	Totally Unique Enterprise.....	468
New-tronics Antenna Corp.....	31,32	Tower Electronics.....	173,174,186,185
Nuts & Volts / Servo Magazine.....	45	TPL Communications.....	422
Ohio Area Repeater Council.....	99	Transel Corporation.....	312,323
Optoelectronics, Inc.....	76,77	TURBO TUNER.....	164
Pacific Antennas.....	246,247	Uncommon USA Inc.....	565,571
Pacific Research Solutions.....	557	Universal Radio, Inc.....	506
Palstar Inc.....	511-513	US Tower Corp.....	18,19
Peet Bros. Co. Inc.....	151-153	Vectronics.....	8
Pro-Am / Astatic.....	362	Vibroplex Company, Inc.....	303,304
Prosoft Plus.....	481	VIS Amateur Supply.....	211,212
Prostar Batteries, Inc.....	237-239	Voice of America Park and Museum.....	154
QRP-ARCI.....	243	W&W Manufacturing Co.....	559-561
Quality Craft Tools.....	646,647	W2IHY Technologies.....	110-113
Quarter Century Wireless Association, Inc.....	470	W4RT Electronics.....	114,115
Quicksilver Radio Products.....	462-464	W5YI - Gordon West.....	250,251
R & L Electronics.....	38-40,44,59-61	W5YI - VEC.....	252
R.A.I.N/160 Meter G.R.N./Newsline.....	469	W7FG Vintage Manuals.....	530
R.F. Connection.....	156,157	WB0W Inc.....	253-259,265
Radio Amateur Callbook (ITFM).....	46,47	Webster Communications Inc.....	423-426
Radio on the Spot.....	542	West Mountain Radio.....	328-330
Radio Shack.....	440-443	Western Case Company.....	248,249
Radio Society of Great Britain.....	435-437	WinAPRS/MacAPRS/APRS/CE.....	223
Radio T Shirts.....	585	Winradio Communications.....	648-651
Radio Works, Inc.....	430-432	Wireman, Inc.....	160-163
RadioWare Radio Bookstore.....	68,69,78,79	Workman Electronic Products.....	123,126
Ramsey Electronics.....	130,131	Worldradio, Inc.....	49
RF Linx Corp.....	588	WWW.DXERASE.COM.....	574
RF Parts.....	363,364	WWW.PCDIRECT.COM.....	503-505
RF TEC Mfg.....	48	XPONDR Corporation.....	510
RigExpert.....	556	Yaesu Vertex Standard.....	521-524,532-535,586,587
Rodman & Co., Inc.....	501,260		

Forums

Friday, May 19, 2006

9:00 A.M. - 10:00 A.M.

ARRL GRASSROOTS LOBBYING FORUM

Room 1 & 4

Moderator: Jim Weaver, K8JE

Here's a chance to network with fellow hams involved in shaping Amateur Radio's future through government planning and policy. Grassroots efforts put hams directly in touch with government officials when federal legislation is proposed that can help Amateur Radio. Learn how you can become a key player in what ARRL is doing to make this happen. Join the effort to support ARRL in its effort to get legislation helpful to ham radio. This forum will give you the tools you need. We can do it together!

10:00 A.M. - 11:00 A.M.

ARRL: MAIN STREET USA

Room 1 & 4

Meet ARRL President, Joel Harrison, W5ZN

11:15 A.M. - 1:15 P.M.

RED CROSS

Room 1 & 4

Moderator: Dan Miller, K3UFG, Welcome and Introductions

Speakers:

Greg Sarratt, W4OZK, ARRL Section Manager, Alabama, "Hurricane Season 2005 Amateur Radio Disaster Coordination"

JJ Sheppard, KI4FQE, "Ham Involvement in the ARC Response Technology Team"

David Craig, KF4FWO, "ARC RTT Technology Updates"

Chet Hallberg, K0TCB, "Hams Needed for ECRVs (Emergency Communications Response Vehicles)"

Ted Harris, N6IIU, "DSHR (Disaster Services Human Resources)"

ARC Panel Discussion: JJ Sheppard, KI4FQE; David Craig, KF4FWO;

Chet Hallberg, K0TCB; Ted Harris, N6IIU; Dan Miller, K3UFG; and Greg Sarratt, W4OZK

1:30 P.M. - 4:00 P.M.

ANTENNA

Room 1 & 4

Moderator: Tim Duffy, K3LR

Speakers:

Dean Straw, N6BV, "Another way to view propagation predictions for DXing and contesting"

Frank Donovan, W3LPL, "Design, construction and maintenance of antennas and towers for storm survival and long term reliability"

Brion Gilbert, N0AE, "Construction of the Largest SteppIR Yagi Stack in the World at K9LTN"

Don Daso, K4ZA, Tips, Tricks, & Tools of the Trade

Mitch Mitchell, VE6OH and Don Moman, VE6JY "The BIG Antennas at Contest Station VE6JY"

9:00 A.M. - 10:00 A.M.

ARRL CLUBS AND MENTORING FORUM

Room 2

Moderator: Norm Fusaro, W3IZ

Amateur Radio clubs are the primary source of mentoring and support for new hams seeking advice and direction, or for persons discovering ham radio for the first time. This exciting forum will look at ways for clubs to share the excitement of ham radio that fits today's demanding lifestyles.

10:15 A.M. - 12:15 A.M.

TAPR DIGITAL

Room 2

Moderator: David Toth, VE3GYQ

Speakers:

David Toth, VE3GYQ and Steve Bible, N7HPR: "Introduction and TAPR update"

Mel Whitten, K0PFX: "WinDRM software digital voice and data"

Matt Ettus, N2MJL: "GnuRadio/Software Defined Radio"

12:30 A.M. - 2:00 P.M.

TEACHER'S WORKSHOP

Room 2

This forum is designed to offer suggestions and resources to both teachers and ham radio instructors who work with children.

Moderator- Carole Perry, WB2MGP

Speakers:

Bruce Arthur, KQ6TQ is a BARC Jr. Elmer from Boulder Colorado who will share recruitment and teaching tips.

Mark Spencer, WA8SME, is educational and technical program coordinator-ARRL. He and Norm Fusaro, W3IZ, will do live demos for classroom use and give an Instructors' 101 approach to teaching to the new Technician class license.

Joe Eisenberg, K0NEB, will demonstrate the use of kit building with youngsters.

Carole Perry, WB2MGP, will offer suggestions for motivating at-risk students with ham radio in the classroom.

2:15 P.M. - 3:45 P.M.

COUNTY HUNTER FORUM

Room 2

Moderator: Bob Voss, N4CD

Speakers:

Lori Peerenboom, K8XTQ

Fred Peerenboom, KE8TQ

Tim Elkin, W8JJ

The County Hunter Forum will cover topics of interest to those pursuing awards for county hunting and effective mobile operation, or those interested in learning about it. After an update 'What's new in the last year', speakers will cover mobile operation with the emphasis on building an effective mobile setup through good antenna design and vehicle noise suppression, living with antenna restrictions in subdivisions, with some suggestions for ways around them, and a general question/answer session.

4:00 P.M. - 5:00 P.M.	AM Moderator - Dale Gagnon, KW1I AM International Update Speaker: Rick Ferranti, W6INR, "Calling All Rangers! - A Technical History of Radio Development in the US Forest Service"	ROOM 2
9:00 A.M. - 10:00 A.M.	LIGHTNING PROTECTION Moderator: Ron Block KB2UYT	ROOM 3
10:15 A.M. - 11:15 A.M.	TECHNIQUES OF THE BEST HAMS	ROOM 3
11:30 A.M. - 12:15 P.M.	BROADBAND OVER POWERLINE (BPL) Moderator/speaker: Dick Illman, AH6EZ/W9 A fresh and innovative perspective on Broadband over Powerline (BPL) will be presented by this year's Hamvention® Technical Excellence Award winner, Dick Illman, AH6EZ/W9. Dick is a Principal Staff Engineer with Motorola and holds an Extra Class license. Some of the realities and myths about BPL will be discussed including some useful facts about HF users. In particular, a patent pending solution for eliminating interference to AND from ham radio will be described along with pictures of the testing that has been done at ARRL Headquarters and W1AW.	Room 3
12:30 A.M. - 2:30 P.M.	AMATEUR RADIO AND THE LAW <i>Getting It Up and Keeping It Up</i> Moderator: Jim O'Connell W9WU, ARRL Volunteer Counsel Speakers: Chris Imlay, W3KD, ARRL General Counsel Fred Hopengarten, K1VR, Author "Antenna zoning for the radio amateur" Jay Bellows, K0QB, ARRL Dakota Division Director and Volunteer Counsel Tim Ellam, VE6SH, IARU Vice President Brennan T. Price, N4QX, ARRL Volunteer Counsel John Siepmann, N9NA A discussion by Amateur Radio attorneys on legal issues of interest to hams: How to avoid restrictive covenants, present your case for a tower permit, info on the latest court rulings on RFI, PRB-1 and towers. Also details on issues of Homeland Security and how hams play a critical support role.	Room 3
2:45 P.M. - 3:45 P.M.	GPS MAPPING FOR THE EMERGENCY RESPONDER Moderator: Gordon West, WB6NOA Speaker: Don Arnold, W6GPS See what Kenwood and AvMap Geosat have done with the D7 and D700 for emergency response and mapping . Bi- directional GPS and APRS position finding, plus quick track to target on the 5" color screen . Gordo and Don Arnold will use audience participation to show how GPS trilateration works, and watch how they can track down hidden 218 MHz "pingers" in the room and outside in the parking lot, all the while being GPS tracked on the internet .	Room 3

4:00 P.M. - 5:00 P.M.

NATIONAL FREQUENCY COORDINATORS' COUNCIL (NFCC) INFORMATION SESSION

Room 3

Moderator/speaker: Doug Sharp, K2AD, President and Chairman NFCC
This forum will discuss the state of the NFCC, what is happening in the organization, what the group currently provides to the amateur community, and where we are going in the future. In addition, regional frequency coordinators will have a chance to speak about happenings within their groups. At the end, those in the audience will have an opportunity to bring legitimate issues before the council.

9:00 A.M. - 10:00 A.M.

N.T.S. The National Traffic System

Room 5

Yesterday, Today and Tomorrow

Presented by the Ohio Single Sideband Net

Moderator: Connie Hamilton, N8IO, OSSBN NM — Ohio ASM

Speakers:

Marcia Forde, KW1U, EAS Chair and TCC Director

James Wades, WB8SIW, PEM, Executive Director, Michigan Net, QMN
and National Radio Emergency Net

Greg Zach, WG8Z, TATN NM OSSBN ABM

and AEC Logistics ARPSC Hamilton Co., Ohio

A look into the history, heritage, evolution, and future of the National Traffic System. We will touch on the strengths, the weaknesses and what we can do to improve the system, expounding on the role the NTS plays in time of emergencies.

The forum will include an audience participation session to see where and what we can do to improve and carry forth the legacy of the National Traffic System and its dedicated Traffic Handlers around the World.

10:15 A.M. - 11:15 A.M.

WHAT'S SO GREAT ABOUT QRP?

Room 5

Presented by QRP Amateur Radio Club International, Inc.

Moderator: Ken Evans, W4DU

Speaker: Jim Stafford, W4QO

Forum will cover the tremendous fun in building and operating QRP equipment. We will discuss why QRP has become so popular, who is doing QRP today, and what is the latest in QRP equipment in both kit and prebuilt form. QRP equipment will be available for attendees to get a hands-on look during the "show and tell" portion of the talk. Have you experienced QRP? Yes, or no, you'll find this talk inviting.

Ken has been active in QRP since 1963 and is the current Vice President of QRP ARCI. He is an avid builder and has published articles in the QRP Quarterly on home brew gear and QRP product reviews.

Jim is a noted QRPer, is a past President of QRP ARCI, and currently moderates the QRP Forum.

11:30 A.M. - 12:45 P.M.**KIT BUILDING****Room 5**

Moderator: Joe Eisenberg, K0NEB

Speakers:

Wayne Burdick, N6KR, Elecraft

Brian Wood, W0DZ, DZ Kits

Richard, MFJ/Vectronics Kits

This forum is for both the beginner and more experienced builders wanting to learn more about this popular aspect of amateur radio. We will look at the latest offerings in kits available for hams as well as look at new techniques for building them never before shown at Hamvention. There will be a demonstration of new ways to make the experience a lot easier and a look at new ways to handle the dreaded surface mount parts that makes it a lot easier and faster to build. We will also look at low-cost test equipment you can build from kits or buy to make the experience more satisfying and give you the greatest chance of success. There is nothing like the satisfaction of making a QSO on something you made yourself and can fix yourself!

1:30 P.M. - 2:15 P.M.**YLRL (YOUNG LADIES RADIO LEAGUE)****Room 5**

Moderator: Mary Moore, WX4MM, YLRL President

Forum will discuss Emergency Communications/Being Prepared

Meet and greet other YL's from around the world. Discover YLRL. Discuss opportunities for Emergency Communications training. Come one and all, young and not so young. Member or non-member. All are welcome.

Note: "YL" is a term for any licensed female amateur radio operator, regardless of age.

2:45 P.M. - 3:45 P.M.**HF DIGITAL****Room 5**

Moderator: Melissa Reinhardt, KD6BIT, AoR

Speakers:

Taka Nakayama, KW6I

Jeff Reinhardt, AA6JR

Mel Whitten, K0PFX

Forum will present the technical and operating aspects of the AoR ARD9000 and ARD9800. Mel Whitten, one of the pioneers of this mode, will lead a panel of DV users in sharing their experiences with this exciting new mode of operating with sound bites of DV QSOs and comments about his experiences using Heil microphones when operating digital HF. Other panelists may include HF backpackers

4:00 P.M. - 5:00 P.M.**10-10 INTERNATIONAL****Room 5**

Moderator: Gerry Gross, WA6POZ, #21274, 10-10 Data Manager

Speaker: Mike Elliott, K7BOI, #54625, 10-10 Vice President

We have made it to the bottom of the current cycle and should be making and executing plans for the new one. 10-10 Update: "2006 Board meeting, election of officers and the 2007 convention".

Forums

Saturday May 20, 2006

8:15 A.M. - 11:00 A.M.

AMSAT

Room 1 & 4

Moderator: Barry Baines, WD4ASW, VP-Marketing & User Services, AMSAT-NA
Rick Hambly, W2GPS President, AMSAT-NA "Phase 3-E satellite design and development status"
Jim Sanford, WB4GCS, Eagle Project Manager: "Eagle project overview and status report"
Eagle Project Development Team: "Technology update: "software defined transponder, internal housekeeping unit, energy storage experiments, and structure analysis"
Gould Smith, WA4SXM, Director-Field Operations, AMSAT-NA: "Introduction to AO-51 operation with a command station update"
Frank Bauer, KA3HDO, VP-Human Space Flight, AMSAT-NA: "ARISS & SuitSat: Current status & future opportunities"

11:15 A.M. - 1:45 P.M.

DXing

Room 1 & 4

Moderator: Jay Slough, K4ZLE
Moderator, assistant: Harry Flasher, AC8G
Speakers:
Kamal Sirageldin, N3KS, & David Collingham, K3LP: "Desecheo Island (KP5) Project 2006"
John Kennon, N7CQQ: "Kure Island 2005- K7C"
Don DuBon, N6JRL & Robert Allphin, K4UEE with an introduction by Robert Allphin, K4UEE: "The 3Y0X DXexperience"
Joseph Pater, W8GEX, & Wayne McKenzie, K8LEE: "Sable Island CY0AA"

2:00 P.M. - 4:30 P.M.

Contesting

ROOM 1 & 4

Moderator: Doug Grant, K1DG
Carl Luetzelschwab, K9LA, "What's new at the NCJ - YOUR Magazine"
Atilano Oms, PY5EG, "WRTC2006 Update"
Barry Kutner, W2UP, "Extreme CW Contesting"
Dominic Smith, M0BLF, "Who Says There's No Young Contesters?"
Jim Stahl, K8MR and Hal Offutt, W1NN, "Mobile Contesting"
Doug Grant, K1DG and Randy Thompson, K5ZD, "Extreme Makeover - YCCC Edition"

8:30 A.M. - 9:30 A.M.

Software Defined Radios

Room 2

Open Source Software Defined Radios- the new wave in radio communications.
Moderator: Gerald Youngblood, K5SDR
Open source Software Defined Radio is no longer just for experimenters, but for all amateurs regardless of their technical ability and or experience. This forum will discuss what the amateur community needs to know about the flexibility, performance, and operation of SDRs from the \$15 SoftRock-40 TM to the top performing FlexRadio SDR-1000®.

Continued on Page 39

Award Winners

When Hamvention® 2006 opens in Hara Arena on May 19, three amateur radio operators will be honored guests for their contributions to the Amateur Radio Service.



Gordon West, WB6NOA, was named Amateur of the Year for his efforts in recruiting and training many new amateurs, in addition to his lifelong involvement in ham radio. Starting in the late 1950's "Gordo" as he is known by many hams, began an active involvement with ham radio that included working for some of the big names in the field helping to develop several innovative pieces of equipment.

It was in the 1980's that West and his wife Suzy, N6GLF, began teaching ham radio classes at college and marine venues and began writing the ham training books which were sold by Radio Shack and equipment dealers around the country.

West is a fellow with the Radio Club of America, recipient of ARRL Instructor of the Year award, and active on ham bands from 75 meters through 10 GHz, spending at least a couple hours every day on the air, helping new hams make friends on the many nets he runs.

West volunteers with the American Red Cross communications team in Orange County, California, and regularly offers free kids classes and classes for cities to support their CERT members.

"It's my give-back to a hobby that gives me the satisfaction of offering free classes for kids and emergency responders, and I thank all the ham operators who support our training program, and the ARRL for their continued support with the emergency communication web-based classes," West said.



Riley Hollingsworth, K4ZDH, received the Special Achievement Award for his efforts in helping eliminate some of the problems that had been increasing on the ham bands. As his nominator stated, he helped "reverse an almost a decade and a half long period of Commission inattention and government apathy directed at our service. Hams across the US credit Hollingsworth with helping to reduce -- and in many cases to eliminate malicious interference and other problem behavior, both on and off the air."

Hollingsworth is a Special Counsel for the FCC Enforcement Bureau's Spectrum Enforcement Division. He was given the responsibility for coordination of Amateur Radio Service enforcement after that program was transferred to the Enforcement Bureau in October 1998.

His responsibilities also include interference resolution in the Land Mobile and Public Safety Services.

Hollingsworth was Co-Chairman of the FCC's PCS Broadband and Narrowband Licensing Task Force, for which he received a "Reinventing Government" Award in 1994; and managed the FCC's 800 MHz Task Force in which new 800 MHz spectrum was assigned in 13 cities. He also organized the FCC's enforcement program in which underutilized land mobile radio channels were recovered for reassignment in major cities. Hollingsworth holds a Master's degree from the University of South Carolina and a Law degree from Wake Forest University. An Amateur Radio licensee since 1960, he is a member of the Quarter Century Wireless Association and FISTS Club.



Richard Illman, AH6EZ of St. Charles, Illinois, was selected for the 2006 Technical Excellence Award. His willingness to use his technical knowledge to be outspoken about an unpopular topic, Broadband over Powerline, was cited by the committee. He influenced his employer, Motorola, to deliver his patent pending solution that has been proven at ARRL Headquarters and other deployments to not cause any interference to or from amateur radio. The ARRL has subsequently used the Motorola solution as an example to the FCC on how BPL can be designed without interference with amateur radio.

Continued on next page

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Illman, who has a BSEE and a 31 year career with Motorola Systems Engineering, caused a set of hardware notch filters to be included in the Motorola equipment, an industry first, to protect amateur radio beyond the traditional technique of just turning off specific carriers.

His passion for ham radio began in high school as a Novice class licensee in 1969 and has continued over 37 years on all bands and all modes, including working satellites from moving Amtrak trains and demonstrating ISS contacts to Boy Scouts.

An avid DXer, he works over 200 countries each year, in part because of a friendly competition amongst his local ham club members of the Fox River Radio League in Aurora, Illinois. He has been their President for the last two years and was recognized with their Ham of the Year award three years in a row.

2007 Award Nomination Form

Your Name: _____ Your Call sign: _____

Your Address: _____

City: _____ State/Prov: _____ Postal Code: _____

Your Phone: _____ Your Email: _____

I am nominating the following for: (Please, check only one.)

☐ **Amateur of the Year** - This is for the special person who has made a long term commitment to the advancement of amateur radio. We are looking for a well-rounded individual who has contributed to our hobby in some outstanding way.

☐ **Technical Excellence** - This is for the person who has made an outstanding technical advancement in the field of amateur radio.

☐ **Special Achievement** - This is for the person who has made an outstanding contribution to the advancement of amateur radio. This award is usually given to a respected amateur who spearheaded a single significant project.

Their Name: _____ Their Call sign: _____

Their Address: _____

City: _____ State/Prov: _____ Postal Code: _____

Their Phone: _____ Their Email: _____

Please, attach a statement as to why the above is worthy of the nomination. Attach any supporting documents and send to:

Dayton Hamvention Awards
P.O. Box 964
Dayton, OH 45401-0964

Previous Award Winners

AMATEUR OF THE YEAR

1955 William C. Jenney, W8FYW
Benjamin S. Zieg, W9EHU, K40QK
1956 Edmund C. Ryan, W8LRR
1957 Ralph Crammer, W8VHO
1958 Rev. C. Lynn White, K4CC
1959 Harlow Lucas, W8QQ
1960 Paul Woffe, W8IVE
1961 Ed Bonnet, W8OVG
1962 Dana Cartwright, W8UPB
1963 Chester Funk, K8EUF, K7ZKL
1964 H. Ruble, W8PTF
1965 Carl B. Snyder, W8ARW
1966 Robert K Caskey, W9DNQ
1967 Jack Gray, W8JDV
1968 Elmer Schubert, W8ALW
1969 Wayne Walters, W9DOG
1970 Kay Anderson, W8DUV
1971 Al Michel, W8WC
1972 Don C. Miller, W9NTP
1973 Ray E. Myers, W6MLZ
1974 Barry Goldwater, K7UGA
1975 Richard A. Daniels, WA4DGU
1976 Joseph M. Hertzberg, N3EA
1977 Rafael M. Estevez, WA4ZZG
1978 Frank Schwab, W8OK
1979 George G. Batterson, W2GB

1980 Wayne Overbeck, N6NB
1981 Eric C. Shalkhauser, W9C1
1982 Robert G. Heil, Jr., K9EID
1983 Katashi Nose, KH6IJ
1984 Dave L. Bell, W6AQ
1985 John J. Willig, W8ACE
1986 Roy Neal, K6DUE
1987 Carole Perry, WB2MGP
1988 Bill Bennett, W7PHO
1989 Bill Pasternak, WA6ITF
1990 Stephen Mendelsohn, WA2DHF
1991 John B. Johnston, W3BE
1992 Richard Baldwin, W1RU
1993 Harry Dannals, W2HD
1994 Perry Williams, W1UED
1995 Rosalie White, WA1STO
1996 William A. Tynan, W3XO
1997 Leo I. Myerson, WØGFQ
1998 Andrew J. Feldman, WB2FXN
1999 Kenneth M. Miller, K6IR
2000 Martie Laine, OH2BH
2001 George Jacobs, W3ASK
2002 Alanson "Hap" Holly, KC9RP
2003 Larry "Tree" Tyree, N6TR
2004 David Kopacz, KY1V
2005 Alan S. Kaul, W6RCL

SPECIAL ACHIEVEMENT AWARD

1977 South American Moonbounce (EME)
Expedition Team of the Mt. Airy VHF
Radio Club Inc., Philadelphia, PA
Elliott Weisman, K3JJZ
Anthony Sousa, W3HMU
S. William Olsan, W3HQT
Walter Boldman, K3BPP
Daniel Mitten, WA3NFU
Socrates Martinez, WB3AFY
Bohner Aguilar, WB3AOP
1978 Ronald Moorefield, W8ILC
1979 Edward Tilton, W1HDQ
1980 Joseph Merdler N6AHU
1981 Bill Pasternak, WA6ITF, Bill Orenstein, KH6IAF
1982 Bruce Humphrys, KØHR
1983 Lenore Jensen, W6NAZ
1984 Ethel Smith, K4LMB
1985 Judith Frye, K8RP
1986 Rev. Michael Mullen, C.M., WB2GQW

1987 Arthur Gentry, W6MEP
1988 Fred Hammond, VE3HC
1989 Phil Karn, KA9Q
1990 Paul Thomson, KCØVG
1991 Nate Brightman, K6ØSC
1992 Ned Raub, W1RAN
1993 Robert Adams, WA9ZMO
1994 Russ Kroeker, N7HGE
1995 Ed Briner, WA3TVG
1996 John Kraus, W8JK
1997 Joseph J. Fairclough, WB2JKJ
1998 John B. Bellows, Jr., KØQB
1999 Paul D. Lieb, KH6HME
2000 A. Prose Walker, W4BW
2001 Frank Bauer, KA3HDO
2002 Dr. Owen Garriott, W5LFL
2003 Jonathan Taylor, K1RFD
2004 George S. Wilson III, W4OYI
2005 D. Bharathi, VU2RBI

TECHNICAL EXCELLENCE AWARD

1984 Lyle Johnson, WA7GXD
1985 Richard Whiting, WØTN
1986 M. E (Doug) DeMaw, W1FB
1987 Henry (Hank) Oredson, WØRLI
1988 Lew McCoy, W1ICP
1989 Byron Goodman, W1DX
1990 Bob McGwier, N4HY
1991 Lou McFadin, W5DID
1992 Gerald Cromer, K4NHN
1993 Dick Jansson, WD4FAB
1994 Dick Newell, AK1A

1995 Philip Ferrell, K7PF
1996 William Orr, W6SAI
1997 Al Ward, W5LUA
1998 Robert E. Bruninga, WB4APR
1999 Alfonso R. Torres, KP4AQI
2000 Dr. H. Paul Shuch, N6TX
2001 Peter Martinez, G3PLX
2002 Allen Waller, K3TKJ
2003 Steve Dimse, K4HG
2004 Barry Sanderson, KB9VAK
2005 Dr. Jerry Sevick, W2FMI

9:45 A.M. - 11:45 A.M. YOUTH IN AMATEUR RADIO

Room 2

Moderator- Carole Perry, WB2MGP

The Youth Forum will be featuring all young adults who will give presentations designed to share with other young people all that is fun and challenging in amateur radio. They are all very accomplished and will give multimedia talks.

Speakers:

Mathew Kurek, KC0UGA, age 14; "Advancing with amateur radio: The development of the open radio notification system".

Lucien Pullen, KC0TNP, age 14; "Ham radio and a weather science career".

Michael Braun, N3CA, age 17; "Young contesters in action".

Andrea Hartlage, KG4IUM, age 15; "Youth involvement in amateur radio with focus on community service".

Ian Blodger, KD8AIL, age 15, "Kels Stickney, KD8BLO, Nick Freeburg, NI0CK, age 18; "Putting together a youth organized hamfest"

Radios and other gifts will be given to youngsters who are present at the forum.

12:00 P.M. - 1:45 P.M.

SOFTWARE DEFINED RADIO - GROUNDSWELL TO TIDAL WAVE

Room 2

Moderator: Eric Ellison, AA4SW/V31SR

Ever since Gerald Youngblood, K5SDR, published a series of articles in QEX magazine and offered the first, off the shelf SDR transceiver, Ham's worldwide have been forging ahead into the "Future of Radio". Although not the only exploration into SDR, at that time, the SDR-1000 and GPL PowerSDR open source code has been a major engine to spur new exploration. Once again hams are at the very leading edge of radio.

High Performance Software Defined Radio Project [HPSDR]

Speaker: Lyle Johnson, KK7P

The HPSDR is an open source hardware and software project intended as a "next generation" Software Defined Radio for use by Radio Amateurs and Short Wave Listeners. The design is modular, so an experimenter can choose the bits and pieces required to implement his own creation. This is similar to creating something from Lego blocks.

The initial system consists of a motherboard/chassis to contain and power the modules, along with a few building blocks

Real radios have Knobs...One at least : The Picastar Project.

Speaker: Harold Johnson, W4ZCB

SoftRock40, Past, Present, Future

Speaker: Tony Parks, KB9YIG

About a year ago, Tony designed a small transceiver for 40 meters which derived, I and Q signals from a crystal, a pair of flip-flops and a transformer. Absolute inexpensive simplicity! Since then, Tony has produced and shipped thousands of kits worldwide. There appears to be no end in sight for this \$14 dollar V.6 high quality receiver kit. Come hear what is in store next.

Operating Digital Radio Mondiale with the SDR-1000

Speaker: Mel Whitten, K0PFX

Digital Radio Mondiale (DRM) is now broadcasting digital programming with FM sound quality world wide. Rekindle your interest in shortwave listening using one of the finest receivers for DRM reception, the SDR-1000! A simple cookbook method will show you how to configure your SDR for optimum DRM reception of data, text and images using DREAM open source software. Experiments in transmitting DRM and the ham radio implementation of DRM (WinDRM) will be demonstrated.

SDR for Emergency Communications

Todd Collins - N2TUN

Software defined radios can change parameters that in a hardware radio are inaccessible. Disaster communications require that robust, reliable networks be configured quickly with little or no pre-planning or coordination. SDR allows you to alter all parameters, automatically in response to changes in the environment. This ability (cognitive radio technology) is key to the wireless mesh concept, allowing the automation of physical layer parameters. The application of these technologies on the UHF and VHF bands by amateurs can create robust and surprisingly fast ad-hoc data networks.

2:00 P.M. - 5:00 P.M.

VHF/UHF/MICROWAVE

Room 2

Moderators: Mike Schulsinger, N8QHV & Red Dakin, W8ULC

Speakers:

Dave Sublette, K4TO; "Mast mounted 4 band remote controlled micro wave system"

Bob Striegl, K2DRH; "How to win a low power contest and do everything wrong!"

Kent Britian, WA5VJB; "Mast mounted pre amps"

Sam Jewell, G4DDK; "EME with small dishes"

Brandon Schamer, WG4NVK, Justin Ringling, KC8OIO, and Ben Corrodo, KC8RKO; "Multi-mile 2.4GHz ham band 802.11b communication – a new record from the WiFi shootout in Las Vegas".

8:15 A.M. - 9:15 A.M.

ARRL MEMBERSHIP FORUM

Room 3

Moderator: Jim Weaver, K8JE, ARRL Director — Great Lakes Division Panel

Joel Harrison, W5ZN, ARRL President

Kay Craigie, N3KN, ARRL First Vice President

Jim Weaver, K8JE, ARRL Director — Great Lakes Division

Gary Johnston, K14LA, ARRL Vice Director — Great Lakes Division

Joe Phillips, K8QOE, ARRL Section Manager — Ohio

Dave Sumner, K1ZZ, ARRL Chief Executive Officer

Harold Kramer, WJ1B, ARRL Chief Operating Officer

Mary Hobart, K1MMH, ARRL Chief Development Officer.

9:30 A.M. - 11:15 A.M.

FCC

Room 3

Moderator/speaker: Riley Hollingsworth, K4ZDH

This forum will be a discussion on the current FCC role of the Amateur Radio Service and the obligations of licensees, plus an enforcement update, followed by a question and answer period.

11:45 A.M. - 12:45 P.M.

MIDCARS

Room 3

Moderator: Don Jeffries, N8KYX

Speaker: John Thornton, K9TWV

MIDCARS is a service that operates on 7.258 MHz, 365 days a year from 7:30 a.m. EST until 2:00 p.m. and longer, when necessary. MIDCARS is primarily for mobile HF operation, giving mobiles any assistance they need from road conditions and road closings to just saying hello. MIDCARS assists amateurs in proper operating procedures, provides radio checks, audio checks, antenna comparisons, and anything else that a mobile operator may need. MIDCARS also acts as a HF calling channel. This forum will discuss mobile HF operations and the service that MIDCARS provides to HF mobile operators.

1:00 P.M. - 3:00 P.M.

THE 2006 HAM RADIO TOWN MEETING

Room 3

Introducing the Ham Radio Video Corps (HRVC)

The Ham Radio Town Meeting is an annual joint presentation of the Dayton Hamvention® in association with the Amateur Radio Newsline™ Inc.

The "Ham Radio Video Corps" came into being after the producers of two recent ARRL videos ("Amateur Radio Today" in 2003 and "The ARRL Goes to Washington" in 2005) realized that no unused or stock footage of ham radio operators in action during disaster situations existed.

The three producers (Dave Bell, W6AQ, Allan Kaul, W6RCL and Bill Pasternak, WA6ITF) held numerous and lengthy discussions amongst themselves and with others to develop the concept of a separate corps of radio amateurs who will pick up a video camera rather than an HT in times of an emergency callout.

As a member of the HRVC, his or her only job will be to get pictures that are of high enough quality for broadcast on local or national television news programs and can be used in future ham radio related video presentations. Also discussed in this session will be how to get your video to those with the best chance of getting it on the air.

Producer/Moderator: Bill Pasternak, WA6ITF - Amateur Radio Newsline Inc., Los Angeles CA.

Introducing the Ham Radio Video Corps

Dave Bell, W6AQ - President: DBA Entertainment Corp. - Los Angeles CA.. The HRVC was Dave's idea and he will be on hand to explain the concept and how he envisions it will work.

The gear you need

Bill Pasternak, WA6ITF of Amateur Radio Newsline and also masquerades as a Broadcast Engineer with KTTV Fox 11 News. Bill will explain what affordable gear is available to capture ham radio events.

How to properly shoot video

Jack Parker, W8ISH - Staff news cameraman - WISH Television, Indianapolis IN.

Jack will demonstrate the proper techniques of using a video camera. He will also explain what mistakes to avoid.

Preparing the story

Alan Kaul, W6RCL - Producer - NBC Network News, Burbank CA.

Alan was named 2005 Hamvention Radio Amateur of the Year for his work in publicizing ham radio through the use of video. He is an expert in telling a story using pictures and sound. In his presentation, Alan will share a few of the secrets of the trade and show how an idea becomes a completed video presentation.

Choosing video from an editor's point of view

Keith Glispie, WA6TFD, co-owner Suite 16 Post, Burbank CA., is one of the most sought-after video editors in Hollywood.

Keith's work is seen weekly on Fox, Lifetime, the Disney Channel and elsewhere. In his presentation, Keith will explain how producers and video editors work together to choose the right "pictures" and "sound" to make a scene sparkle.

The art of video editing

Gary Pearce, KN4AQ - Freelance producer/editor - Raleigh, NC.

Gary will give a live demonstration as to how video is edited using computers. He will also tell you what video editing software is available that you can afford and easily learn to use.

The legal aspect of videography

Permissions, releases and other legal issues

The involvement of ARRL

Allen Pitts, W1AGP - Media and Public Relations Manager - ARRL - Newington CT.

Allen will discuss the League's role in this and other projects including the new "Hello" campaign.

Some interesting ham radio video stories from down-under

Jim Meachen, ZL2BHF - TV New Zealand - Auckland N.Z.

Jim will present some very interesting clips showing how video is used by hams "down-under."

A drawing for a door prize provided by Heil Sound Ltd. will take place at the end of the session. You must be present to win.

3:15 P.M. - 5:00 P.M.**SLOW SCAN TV (SSTV)****ROOM 3**

Moderator: Don Miller, W9NTP

8:15 A.M. - 9:15 A.M.**ARRL PUBLIC RELATIONS FORUM FEATURING THE "HELLO..." CAMPAIGN****Room 5**

Moderator: Allen Pitts, W1AGP

The "Hello..." campaign, coordinated by ARRL, celebrates 100 years of voice over radio. It is possibly the largest and most ambitious public relations campaign ever attempted by Amateur Radio organizations. Audio, video, print, website and other media are involved. Meet the people who created the campaign and find out how to use it in your home area.

9:30 A.M. - 11:15 A.M.**DRAKE****Room 5**

Moderator: Evan Rolek, K9SQG.

Speakers:

Sindre Torp, LA6OP, will give a presentation on his "world's largest " Drake collection.

Tony Mills, KF8MW, will do a presentation on his replacement front panels for the Drake 4 line.

Jeff Covelli, WA8SAJ, will do a presentation on installing an AM filter in the TR-4CW transceiver.

Michael Bryce, WB8VGE, will do a presentation on his power supply rebuild kits for the Drake L-4PS and AC-4

Bill Frost, WD8DFP, of RL Drake, Gary Poland, W8PU, Evan Rolek, K9SQG, and Jeff Covelli, WA8SAJ, will conduct a question and answer period about Drake repair, alignment, and parts.

11:30 A.M. - 12:15 P.M.**AMSAT EDUCATOR'S FORUM****Room 5**

Coordinated by Dr. H. Paul Shuch, N6TX, Director of Education, AMSAT-NA

Although AMSAT's primary focus has long been the design, fabrication, launching, and operation of communications satellites for the use of the world's radio amateurs, its secondary mission is to efficiently exploit those satellites as educational tools. Beyond the excitement of a classroom, contact through a satellite, or with an astronaut aboard a space station, satellites provide an orbital classroom for instructional enrichment, in fields as diverse as mathematics, geography, social sciences, physical sciences, and technology. In this Forum, professional educators and educational administrators will be invited to share their experiences with satellites in the classroom. AMSAT seeks thereby to recruit a cadre of participating AMSAT Educators, who will develop the curriculum and instructional tools needed to enhance the use of satellites in 21st Century education, at all levels, K through Ph.D.

12:30 A.M. - 1:15 P.M.

SATERN

Room 5

Salvation Army Team Emergency Network

Moderator: Peggy McNary, N9QT

Speakers:

Major Patrick McPherson, WW9E, SATERN National Director

Bill Feist, WB8BZH

Jeff Schneller, N2HPO

Ken Pancyzk, W9KMP

Mark Griggs, KB8YMN

Bill Shillington, W9ZCL

SATERN consists of licensed amateur radio operators who supply emergency communications for The Salvation Army's disaster response, worldwide. Begun by its now National Director, Major Patrick McPherson (WW9E) in the 1980's, SATERN has grown into one of the largest faith-based disaster networks in the world with a current membership of approximately 2,700 operators. SATERN maintains a national net at 14.265 MHz, Monday through Saturday at 1400 GMT, with dozens of regional and local nets weekly.

The SATERN network has been called up on many occasions for disasters of national importance and works in cooperation with the Hurricane Watch Net, ARES, RACES, and other radio organizations to provide humanitarian responses to hurricanes, tornadoes, earthquakes, floods, forest fires, and terrorist attacks.

There is no cost or obligation to join SATERN, nor does one have to be a member of TSA or SATERN in order to participate in the nets.

1:30 P.M. - 3:00 P.M.

COLLINS RADIO

Room 5

Presented by the Collins Radio Association

Moderator: David Knepper, W3ST/W3CRA, Publisher of the Collins Journal
The Collins Radio Forum will include a special panel discussion dealing with the restoration and repair of Collins equipment. As an added attraction, there will be a Collins display of unusual and interesting items from the Collins Radio Center. A general question and answer session will conclude this Forum.

3:15 P.M. - 5:00 P.M.

MARS

Room 5

US Army/Air Force/Navy-Marine Corps

Moderators: Bo Lindfors, Chief, Navy-Marine Corps MARS

Kathy Harrison, Chief, Army MARS

Acting Chief, Air Force MARS

Forum is an update on the status of the three separate MARS services and will address Joint Exercises and our support of Homeland Defense and Homeland Security. We will also discuss technical innovations such as ALE and sound card modes and how they are being implemented jointly in the MARS program.

SUNDAY, May 21, 2006

8:30 A.M. - 10:45 A.M.

DISASTER COMMUNICATIONS OVERVIEW

Room 1 & 4

A review of emergency response in 2005 with ARRL and Red Cross experts along with operators who were there. What happened, what worked, and where we go from here with the 2006 storm season just around the corner. Speakers

Kay C. Craigie, N3KN — ARRL First Vice President

As a member of the ARRL Executive Committee, Kay served in an advisory capacity, contributing her extensive background in emergency communications throughout all of ARRL's involvement during the Gulf Coast response and relief efforts. She lives in Paoli, Pennsylvania.

Greg Sarratt, W4OZK — ARRL Alabama Section Manager

For more than a month following Hurricane Katrina, Greg - working at an American Red Cross staging area in Montgomery, Alabama - headed the volunteer effort to process Amateur Radio volunteers headed to the Gulf Coast to assist recovery operations. In March, he spoke at a session of the FCC's independent panel that is reviewing Hurricane Katrina's impact on communications networks. He lives in Harvest, Alabama.

Harold Kramer, WJ1B — ARRL Chief Operating Officer

Harold joined ARRL as Chief Operating Officer in February, 2005. He led ARRL's organizational response during the 2005 hurricanes, managing regular information exchanges between communications volunteers and ARRL's national office. He has been active as an Amateur Radio Emergency Coordinator in his hometown of Cheshire, Connecticut.

ARRL AMATEUR RADIO EMERGENCY SERVICE (ARES) FORUM

Moderator: Norm Fusaro, W3IZ and/or Dave Patton, NN1N

Explore the future of the ARES volunteer with us! An investigation of ARES and the Amateur Radio multipurpose volunteer.

11:30 A.M. - 12:00 A.M.

RED CROSS

Room 1 & 4

Your Role in Disaster Relief Communications

Co-Moderators/speakers: Shawna Collins, N2TUJ, Dayton Red Cross Disaster Action Team Amateur Radio Liaison and Shelter Manager and Greg Kambitsch, Dayton Red Cross Disaster Assessment Team Chair

Disaster relief organizations have a critical need for amateur radio operators. Learn how your unique skills can be put to use in disaster assessment and other support roles for the Red Cross chapter in your local area and in national efforts.

8:30 A.M. - 10:15 A.M.

BICYCLE MOBILE HAMS OF AMERICA

Room 2

The 16th Annual BMHA forum at Hamvention

Moderator/Speaker: Mike Nickolaus, NF0N

Speakers:

Jeff Slattery, N8SUZ

Stephan Hepner, KC9EKU

Barry Bogart, VE7VIE/KD7IGX

Bicycle Mobile Hams of America got its start in 1989 when a QST article asked hams who operate their radios while bicycle-mobile to get together and form a group. BMHA hosts a website along with the BMHA Yahoo Groups forum.

Our featured speaker this year is Jeff Slattery, Communications Director for the Great Ohio Bicycle Adventure, GOBA, a large annual week long bicycle event. Jeff will review with us some new plans to track their communication squads using APRS over their net frequencies.

10:30 A.M. - 12:00 P.M.

ARRL: BROADBAND OVER POWER LINE (BPL) UPDATE

Room 2

Moderator: Ed Hare, W1RFI

Some designs of Broadband over Power Line, or BPL, have been shown to cause serious interference to Amateur Radio and other spectrum. Other designs have been deployed without major interference problems. The IEEE and other organizations are developing standards for BPL deployment. Many BPL companies are starting to work with ARRL on solutions to BPL EMC problems. This presentation discusses BPL issues, news and solutions. Hams involved in BPL trials across the country will discuss their observations of the BPL systems in their area.

8:30 A.M. - 9:45 A.M.

ARRL RESOURCES FOR TEACHERS AND INSTRUCTORS

Room 5

Moderator: Mark Spencer, WA8SME

This session will introduce you to a full range of ARRL resources designed to assist classroom teachers and volunteer license class instructors. See hands-on demonstrations of presentations using readily duplicated electronic circuits that you can use to help your students to understand fundamental electronics concepts.

10:00 A.M. - 11:45 A.M.

RTTY

Room 5

Moderator: Shelby Summerville, K4WW

Speakers:

Charles Morrison, KI5XP, "How I went from never contesting before, to winning in 3 years with the help of a contest elmer and a great station, W5WMU"

Ed Muns, W0YK, P49X, "High-Rate RTTY Contesting from P49X"

Ed will describe his experience preparing for and operating the 2006 ARRL RTTY Round-Up, where he averaged over 107 QSOs/hour and unofficially eclipsed the previous world record by over 20%.

Time permitting, there will be a "general" RTTY Q/A session.

Past DARA Presidents

1926	C.A. Petry	8AWN
1027	C.A. Petry	8AWN
1928	Lou Driggs	W8HEQ
1929	Ray Stotts	
1930	Art John	W8DMI
1931	Fred Rawson	W8KKH
1932		
1933	Fred Allen.....	W8GER (W8FU)
1934		
1935	Dan C. McCoy	W8CI (W8DG)
1936		
1937		
1938	Emil Henrich	W8OVL
1939		
1940	Russ Gardner	W8TPC
1941		
1942	Cheever Ely	W8LJ
1943	Cheever Ely	W8LJ
1944	Cheever Ely	W8LJ
1945	Hyde E. Ruble.....	W8PTF
1946	Hyde E. Ruble.....	W8PTF
1947	Russ Hardy	W8AQT
1948	Clem Wolford	W8ENH
1949	John Willig	W8ACE
1950	Clem Wolford	W8ENH
1951	Frank Schwab.....	W8YCP
		(W8OK)
1952	Frank Schwab.....	W8YCP
		(W8OK)
1953	Hyde E. Ruble.....	W8PTF
1954	Rudy Plak	W8ZOF
1955	Allan D. Gunston.....	W8GQ
1956	Andrew B. Henderson.....	W8WYL
1957	Robert G. Siff	W8QDI
1958	Ed F. Bonnet	W8OVG
1959	Joseph H. McNutt	W8GFN
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1961	Robert F. Zimmerman	W8DPW
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1962	Hyde E. Ruble.....	W8PTF
1963	Richard D. McFadden.....	K8ERE
1964	Ted Suarez.....	K8BSC
1965	Robert E. Wilcox.....	K8EJI
1966	Jim Dakin	K8BPC

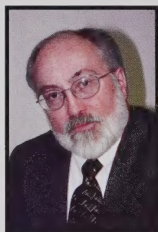
1967	Ken Mills	W8RLY
1968	George Shearer	WA8IHC
		(KE8WJ)
1969	George Shearer	WA8IHC
		(KE8WJ)
1970	Owen Vance	WA8PHW
1971	Jules Wittebort	W8SE
1972	Budd Chaney	WA8UUX
1973	Wesley Duckwitz.....	W8TPT
1974	Ken Mills	W8RLY
1975	Robert O. Wilson	W8JRN
1976	Robert O. Wilson	W8JRN
1977	Melvin L. Levy	WA8YKV
1978	Melvin L. Levy	WA8YKV
1979	William G. Ingling	W8SVI
1980	William G. Ingling	W8SVI
1981	Victor M. Stauder	N8FPF
		(WA2KOO)
1982	Victor M. Stauder	N8FPF
		(WA2KOO)
1983	Thomas W. Holmes	N8ZM
1984	Victor M. Stauder	N8FPF
		(WA2KOO)
1985	Edgar "Red" Smith	W8RKL
1986	Ray Smith	KR8B
1987	Ray Smith	KR8B
1988	Al Torres.....	KP4AQI
1989	Thomas W. Holmes	N8ZM
1990	Thomas W. Holmes	N8ZM
1991	Ron L. Moorefield	W8ILC
1992	Thomas W. Holmes	N8ZM
1993	Victor M. Stauder	N8FPF
		(WA2KOO)
1994	Thomas W. Holmes	N8ZM
1995	Dave Coons	WT8W
1996	Dave Coons	WT8W
1997	Michelle Ervin	KA9FUL
1998	Gary Des Combes	N8EMO
1999	Gary Des Combes	N8EMO
2000	John Phillips.....	N8ZGT
2001	Reuben Meeks.....	W8GUC
2002	Reuben Meeks.....	W8GUC
2003	Mike Buehler.....	N8XGA
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2005	Mike Kalter.....	W8CI

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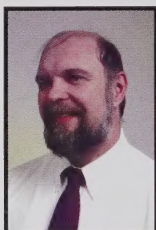
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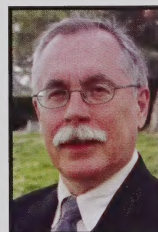
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